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"DIAMOND @ QUALITY"

AUTUMN CATALOG 1910

BULBS
ROSES
TREES

"HUGH DICKSON
Best Hardy Red
Garden Rose

C. SCHIRAM PORTLAND

PORTLAND SEED CO.
PORTLAND, ORE.

NEW BOOKS

Interesting and Valuable Reference Works by Famous, Practical Men.

Orchardists, Nurserymen, Florists, Gardeners and amateur growers will find a reliable text book to be their best guide, and greatest aid to success.

We have carefully selected the following most practical works on the subjects treated.

All books postpaid at following prices:

	Binding Price	Binding Price
Apple Culture, Field Notes on, Bailey, 88 pages, 5x7½ in.	C .85	C 1.10
Apple Orchard, The American, Waugh, 214 pages, 5x7½ in.	C 1.15	C .90
Art of Propagation, Jenkins, 31 pp., 6x9 in. P	.30	C 1.10
Asparagus, Hexamer, 116 pages, 5x7½ in. C	.55	C 1.60
Beautiful Flower Garden, The, Matthews, 186 pages, 5x7½ in.	P .50	C 2.25
Blackberry and Raspberry Culture, Littooy, 42 pages, 3x6 in.	P .25	C 1.60
Bulbs and Tuberous-Rooted Plants, Allen, 312 pages, 5x7 in.	C 1.70	C 1.10
Bush Fruits, F. W. Card, 538 pages	C 1.70	C 1.10
Carnation Culture, American, Lamborn, 175 pages, 5½x8 in.	C 2.00	C 1.60
Chrysanthemum, The, Herrington, 160 pages, 5x8 in.	C .60	C .60
Cranberry Culture, White, 131 pages, 5x7½ in.	C 1.10	C 1.10
Daffodils-Narcissus, Kirby, 235 pages, 5x7½ in.	C 1.10	C .50
Dahlia Manual, The, Wilmore, 16 pages, 7x10 in.	P .35	P .30
Dwarf Fruit Trees, Waugh, 125 pages, 5x7½ in.	C .60	C 1.65
Ferns, and How to Grow Them, Woolson, 156 pages, 5x7½ in.	C 1.10	C 1.60
Fertilizers, Gregory, 137 pages, 5½x7½ in.	P .50	C 1.10
Fertilizers, Voorhees, 335 pages, 5x8 in.	C 1.40	C 1.60
Floriculture, Practical, Henderson, 325 pages, 5x7½ in.	C 1.60	C 1.65
Flower Garden, The, Ida D. Bennett, 282 pages, 5x7½ in.	C 1.10	C 1.60
Fruit Garden, Barry's, 516 pages, 5x7½ in. C	C 1.65	C 1.25
Fruit Grower, The Practical, Maynard, 128 pages, 5x7 in.	C .60	C 1.10
Forestry, Practical, Fuller, 299 pages	C 1.60	C 1.10
Fruit Growing, The Principles of, Bailey, 516 pages, 5x7½ in.	C 1.65	C 1.10
Fruit, Harvesting, Storing, Marketing, Waugh, 224 pages, 5x7½ in.	C 1.10	C 2.10
Fungi and Fungicides, Weed, 228 pages, 5x7½ in.	C 1.10	C 1.10
Garden and Farm Topics, Henderson, 244 pages, 5x7½ in.	C 1.15	C .60
Gardening for Pleasure, Henderson, 404 pages, 5x7½ in.	C 1.75	C .50
Grape Culturist, The, Fuller, 282 pages, 5x7½ in.	C 1.60	C .35
Greenhouse Construction, Taft, 210 pages, 5x7½ in.	C 1.60	C .55
Greenhouse Management, Taft, 382 pages, 5x7½ in.	C 1.65	C 1.50
Hedges, Windbreaks, Etc., Powell, 140 pages, 5x7 in.	C .60	C 1.10
Note—C indicates cloth; P, paper cover.		
Home Floriculture, 300 pages, 5x7 in.... C	.10	
Horticulturist's Rule Book, Bailey, 312 p. C	.90	
How to Plan the Home Grounds, Parsons, 249 pages, 5x8 in.	C 1.10	
Injurious Insects of the Farm and Garden, Treat, 296 pages, 5x7½ in.	C 1.60	
Insects Injurious to Fruits, Saunders, 436 pages, 5x8 in.	C 2.25	
Insects and Insecticides, Weed, 334 pages, 5x7½ in.	C 1.60	
Irrigation for the Farm, Garden and Orchard, Stewart, 276 pages, 5x7½ in.... C	1.10	
Land Draining, Miles, 199 pages, 5x7½ in. C	1.10	
Landscape Gardening, Maynard, 338 pages, 5x7½ in.	C 1.60	
Landscape Gardening, Waugh, 152 pages, 5x7½ in.	C .60	
Lawns, and How to Make Them, Barron, 174 pages, 5x7½ in.	C 1.10	
Manures, How to Make and How to Use Them, Sempers, 218 pages, 5x7½ in.... P	.50	
Manure, The Bommer Method of Making, 86 pages, 6x9 in.	P .30	
Nursery Book, The, Bailey, 365 pages, 5x7 in.	C 1.65	
Nut Culturist, The, Fuller, 289 pages, 5x7½ in.	C 1.60	
Peach Culture, Fulton, 204 pages, 5x7½ C	1.10	
Propagation of Plants, Fuller, 349 pages, 5x7½ in.	C 1.60	
Pruning Book, The, Bailey, 545 pages, 5x7½ in.	C 1.65	
Raspberry and Blackberry Culture, New, Littooy, 42 pages, 3x5½ in.	P .25	
Rhubarb Culture, The New, Morse, 130 pages, 5x7½ in.	C .50	
Rose, The, Ellwanger, 310 pages, 4½x6½ C	1.25	
Rose, Parsons on the, 211 pages, 5x7½ in. C	1.10	
Roses and How to Grow Them, 189 pages, 5x7½ in.	C 1.10	
Roses and Rose Growing (new) by Rose G Kingsley, 163 pages	2.10	
Small Fruit Culturist, Fuller, 289 pages 5x7½ in.	C 1.10	
Spraying Crops, Weed, 136 pages, 5x7½ in. C	.60	
Strawberry Culture, The A B C of, Terry & Root, 235 pages, 5x6 in.	P .50	
Strawberry Culturist, The Illustrated, Fuller, 59 pages, 5x7 in.	C .35	
Sweet Potato Culture, Fitz, 86 pages, 5x7½ in.	C .55	
Violet Culture, Commercial, Galloway, 239 pages, 5x7½ in.	C 1.50	
Violets, How to Make Money Growing, Saltford, 45 pages, 5x6½ in.	P .30	
Water Lilies and How to Grow Them, Conard & Hus, 228 pages, 5x7½ in.	C 1.10	

Bees In Orchards Are An Imperative Necessity

WE CAN TELL YOU WHY and will also send you a copy of the Bulletin on Pollination issued by the Oregon Agricultural College, and our complete Catalog of "Diamond Quality" Bee Supplies. Both booklets free on request.

GUARANTEE OF GENUINENESS

While we exercise the greatest care to have all our stocks true to label, and hold ourselves in readiness on proper proof to replace all trees, etc., that may prove untrue to label free of charge, or refund the amount paid, it is mutually understood and agreed to between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that may prove untrue.

Autumn Catalog FLOWERING BULBS, PLANTS, ROSES Fruit, Shade and Ornamental TREES

FROM famous English, Continental and Japanese growers, we have chosen the best of the standard varieties and meritorious novelties, and these, together with our home grown stocks, give a wealth of variety surpassing all previous offerings.

The quality was never better, descriptions are accurate, prices right, facilities for handling our business unexcelled, and our experience qualifies us to serve you.

Believing our appreciation of your patronage is best expressed by services rendered, we await the opportunity to assist you in adding to the value and beauty of your home. Your inquiries will receive prompt and courteous attention and may save you much needless expense.

PORLAND SEED COMPANY.

IMPORTANT TO CUSTOMERS READ CAREFULLY

When To Order.—We issue this Catalogue in September, but customers can order at any time and goods will go forward in season, as follows:

Flowering Bulbs.—We are direct importers from Holland, France, Bermuda and Japan; stocks begin to arrive in August, most deliveries being complete by December 1st, except such bulbs as Cannas, Dahlias, Gladioli, Tuberous Begonias, etc., which are not ready until after February 1st.

Orders should be placed early in the fall as late plantings do not give best results, but stock can be supplied up to March 1st. If you are not ready to plant bulbs when received, put them away in a cool, dry place and they will keep for weeks.

See Cultural Directions under the different headings for best time to plant.

Palms, House Plants, Etc.—Our importations of these arrive from December to May. During these months we have large and complete stocks, but we can generally furnish nice plants during the whole year. Palms and plants should be potted as soon as possible after arrival and watered well for a day or two so as to settle the earth round all the little fibrous roots.

Roses.—We are headquarters for Roses and guarantee all varieties **true to name**. In our list will be found the recent introductions of the world's great

rose specialists, if there is a novelty of real merit we can supply it. Our large two year old field grown roses are ready for delivery from October until June, one year old mailing size from January to August. The earlier you set them out the better they will grow.

Fruit, Shade and Ornamental Trees and Shrubs.—We ship these from October until June and recommend fall and early spring planting. Late plantings are successful if you water freely. If you do not want to plant on arrival, dig a trench and "heel" your trees in. If the ground is frozen, put them in a cellar and keep the roots damp.

Mail and Express Charges on Bulbs.—Only Flowering Bulbs are prepaid at catalog prices. All other items F. O. B. Portland, unless otherwise stated.

Complaints or Praises.—If our goods and treatment please you, tell others; if anything is wrong, tell us quickly, so that we can make it right. Our best efforts will be given to filling all orders in a satisfactory manner.

Order early—it helps us to please you.

We never Substitute without permission from our customer. But as many items are sold out as the season advances, when requested, we will substitute varieties of equal merit maturing about the same season. But always labeled true to name.

NOTE.—WE CANNOT SEND GOODS C. O. D.—CASH MUST ACCOMPANY ALL ORDERS.

NOTE—Our Oregon grown nursery stocks are strong, vigorous Trees and Plants — The best the world produces—Carefully selected, true to name, guaranteed free from disease and pests, and, in strict compliance with our State Horticultural Laws, are always inspected before shipping.

HYACINTHS

ALL HYACINTHS ARE WELL ADAPTED TO POT CULTURE, OPEN BEDS OR BORDERS

Hyacinths—The grandest of all hardy flowering bulbs, delight millions of flower lovers throughout the world with their matchless beauty and rare fragrance.

Every home could be cheered in winter and every garden be glorified in spring with their fragrant and beautiful wax-like flowers. Hyacinths are amendable to the most diverse treatment and bloom in splendid profusion in the winter or spring, as desired.

They may be grown in pots, glasses or the garden. The colors, shades and tints are wonderfully varied, from the purest white through blush, pink, rose, etc., to the deepest red, and from daintiest porcelain through yellow to orange and rosy apricot, etc.

Named varieties, marked "XX" and "X," produce the finest trusses of blooms, and should always be selected for specimens in pots or glasses. The cheaper grades are usually used for bedding, garden borders, or for forcing for winter cut flowers.

PORTRLAND SEED CO.'S SELECTED FRENCH Roman Hyacinths

WHITE, PINK
AND BLUE

A charming class of Hyacinths, extensively grown by florists for winter flowering. Each produces several very graceful flower spikes. The delicious perfume, earliness and profusion of bloom have made Roman Hyacinths exceedingly popular. They are so easily grown and so early that if potted early they can be brought into flower in November and December, and a succession can be had in bloom throughout the winter and early spring.

The best effect is produced by planting four to twelve bulbs in the shallow bulb pots. They may also be planted outdoors.

For cutting purposes the Roman Hyacinth is the finest bulb grown and is most valuable for early planting in the house.

First size, select bulbs, 7c; dozen, 75c; 100, \$5.00.

Culture of Hyacinths

OUTDOOR CULTURE.—The preferable season is October, November and December, but bulbs will give good results if planted somewhat later. Plant so that the tops of the bulbs will be from two to three inches below the surface and five to eight inches apart. In preparing the bed, see that it is well drained, so that the bulbs will not rot during our long wet winters. After flowering, if the beds are wanted for late spring planting take up the bulbs, tops and roots, and "heel in" in some corner of the garden until the bulbs mature, after which they should be spread out in an airy room to dry, and kept in a cool, dark place until time for replanting the following autumn.

CULTURE IN GLASSES.—When it is desired to grow Hyacinths or Narcissus in water, they should be placed so that the base of the bulb merely touches the water. The glass should then be set in a cool, dark place, until filled with roots, when they may be brought into the light. Fill the glasses with fresh water every few days. Give as much fresh air as possible without letting the plants stand in a draught, and as nearly as possible at a temperature of 60 degrees until the spikes are developed.

INDOOR CULTURE IN POTS.—Bulbs for winter blooming can be planted from September until December—the earlier the better. Plant one bulb to a four-inch, or three to a six-inch pot. Then place in a cool, dark cellar, watering well. The whole success of pot culture depends on getting the roots well established in the pots, at a low temperature of, say, 40 to 50 degrees, before you begin to force the tops. From four to six weeks is not too long to leave them in a dark, cool place.

After this the bloom is easily developed by giving light, heat and water, and one can have a supply of flowers from Christmas until Easter by regulating the time of bringing them to light.



Spray of Roman Hyacinths

**PORLAND SEED CO.'S
HOLLAND GROWN HYACINTHS**

Select Single Named

OUR "DIAMOND QUALITY" TOP ROOT BULBS

"XX" Grade

For those of our customers who want to produce Hyacinths of the grandest size and finest quality, we recommend our "XX" grade. These are extra choice, large round, solid bulbs, selected especially for our best trade by our Holland growers. They will produce those handsome, mammoth flowers so highly prized, and are excellent for forcing and pot culture.

Our "X" Grade

This grade is usually bought, and we sell more of this price and size bulbs than any other. Our "X" grade is equal, if not superior, to the "First" or "Select Grade" offered by many seed stores.

Prices

XX Grade....Each....\$0.15	; doz.... \$1.50
X Grade....Each.... .12½;	doz.... 1.25

Single Red and Pink

Baron Van Thuyll—Fine pink, large spikes, early; forces easily.

Cavaignac—Large Salmon Pink, forces well, a good keeper, extra fine for exhibition.

Charles Dickens—This is decidedly one of the finest pinks; spikes large; easy to force.

General Pelissier—Brilliant carmine, compact spike; an early forcer. One of the best.

Gertrude—Fine rosy pink; excellent sort for forcing or bedding. Flowers large.

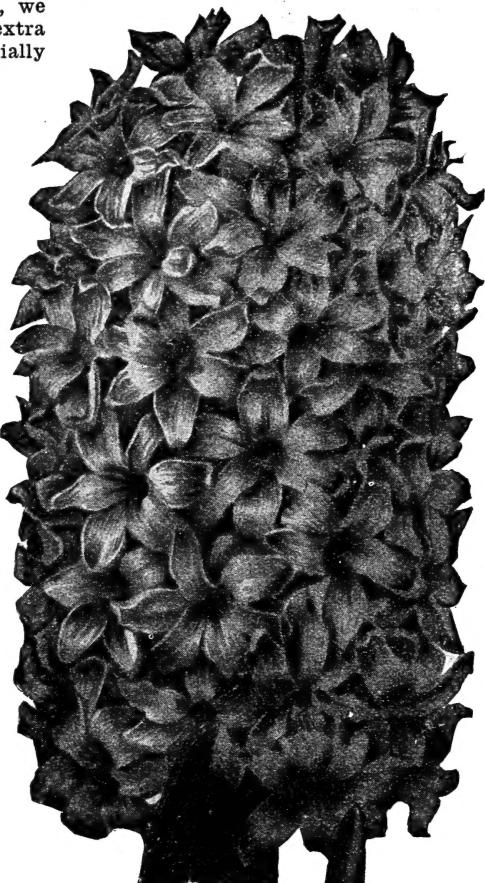
Gigantea—Fine blush pink; giant, compact spike; a popular sort among gardeners.

King of Belgium—Fine deep scarlet; compact truss. Excellent bedder.

Lady Derby—(New)—Lovely light rose pink, large spike.

Moreno—Extra fine pink, very large spikes and bells; forces easily. Highly recommended.

Norma—Pale, waxy pink, handsome, large and good forcer. Extensively planted.



SINGLE HYACINTH

Single Blush White

Grandeur a Merveille—Lovely blush white, the best of its color; very large spikes. Very popular.

Grand Blanche—A fine blush white, flowers large and of excellent quality.

Single Pure White

British Queen—Pure white, very fine for early forcing, large compact spikes, very desirable.

L'Innocence—One of the earliest; pure white; fine for forcing.

Baroness Van Thuill.—Large, pure white, handsome, compact spikes, very early, grows well in glasses.

La Grandesse—Extra fine snow white, large spikes of fine formed bells, a grand exhibition variety, having no equal among the single whites.

Madam van der Hoop.—Pure white. We believe this is the best white for general planting; flowers large and handsome; erect habit; very popular.

SELECT SINGLE NAMED HYACINTHS—Continued



For New
Ferns
And
House
Plants
See Page 42

A
*Single
Bulb*

*In 4-Inch
Pot*

MORENO—Pink

Single Blue

Grand Lilas—Extra fine porcelain blue, grand large spikes and bells; forces easily. The finest light blue.

Johan—Fine light blue, extra large, splendid bedder.

King of Blues—Deep glossy blue, large compact spikes. The finest dark blue Hyacinth in cultivation.

La Peyrouse—Dainty porcelain blue; grand size; best of the pale blues for bedding.

Lord Derby—Pearl blue, very large, handsome spike, good for glass, very desirable sort.

Marie—Dark violet blue, immense spikes of good form, comes early, grows well in glass.

Grand Maitre—Deep porcelain blue; spikes large and handsome.

Regulus—A lovely clear blue, fine for bedding.

Single Yellow

Ball of Gold—Large compact spike, golden yellow, best of its color.

Ida—Best pure yellow, for early forcing, fine large spike.

King of Yellows—Fine, bright golden yellow, grand spikes, a superior bedding variety.

MacMahon—Rich yellow; large spike. Excellent flower, forces early.

Yellow Hammer—Golden yellow, extra fine flower, forces easily, exhibition variety.

PORTLAND SEED CO.'S

"DIAMOND
QUALITY"

Bedding Hyacinths

Assorted Colors

A superior grade of large size, selected bulbs, generally used for planting outdoors in making up beds, borders or large displays, but are equally good for forcing. They are low in price but of superior quality and will all produce fine spikes of bloom. These Hyacinths are not to be classed with the cheap grade of bulbs usually sold as "mixed" Hyacinths.

Single

	Each.	Doz.	Each.	Doz.	
Pink	\$0.07	\$0.75	Blush White	\$0.07	\$0.75
Red . . . . .	.07	.75	Light Blue . . . . .	.07	.75
White . . . . .	.07	.75	Dark Blue . . . . .	.07	.75
Pure White . . . . .	.07	.75	Yellow . . . . .	.07	.75
Per 100			\$5.00		

Double

	Each.	Doz.	Each.	Doz.	
Red	\$0.07	\$0.75	Light Blue	\$0.07	\$0.75
White . . . . .	.07	.75	Pink . . . . .	.07	.75
Pure White . . . . .	.10	1.00	Yellow . . . . .	.07	.75
Per 100, any color, except Pure White, . . .	\$5.00		Pure White,	\$7.00	

FLORISTS, GARDENERS and LARGE BUYERS of BULBS, should submit their Lists for Special Prices on the Number of Bulbs they Use. We can Save You Money and Our "Diamond Quality" Bulbs will Give You Satisfaction

Select Double Named Hyacinths

All are First Size, Large, Solid, Select Bulbs

Price, each 15c; dozen, \$1.50

While the flowers of Double Hyacinths are large and beautiful, the spikes are not generally so full of bells as those of the single sorts.

Double Red

Bouquet Royal—Salmon pink, red center; very choice.

Noble par merite—Deep red, fine large spike; early; fine forcer.

Double Blue

Bloksberg—Light blue, marbled.

Charles Dickens—Dark porcelain blue, extra fine spike and bells.

Garrick—Deep azure blue, very large spike.

Double White

Bouquet Royal—Pure white, large spike, very fine.

La Tour d'Auvergne—Earliest pure white; a grand flower.

Isabella—Fine blush white; grand spike; excellent.

Double Yellow

Goethe—Light yellow, large spike, one of the best double yellow Hyacinths.

William III—Rich orange yellow, good bloomer, one of the very best yellows.

Bulb Tables

Number of Bulbs Required for Planting Different Sized Beds of Tulips or Hyacinths

Everyone can afford a bed of flowering bulbs. They bloom so early, make such handsome and showy displays, and require so little care that their general use is increasing each year. As the circular bed is the most popular and satisfactory, we use it as a basis to figure on. If you want a square or oblong bed the cultural directions of the different bulbs will give you the distance bulbs should be planted apart. The best effect in bulb beds is obtained by planting to solid colors, but if variety is wanted we would not advise you to select over two or three colors. Too many colors spoil the whole effect. A very satisfactory way is to plant a solid center with one or two of the outer rows of another color; a pleasing effect is obtained by dividing the bed into four sections, planting each in a separate color.

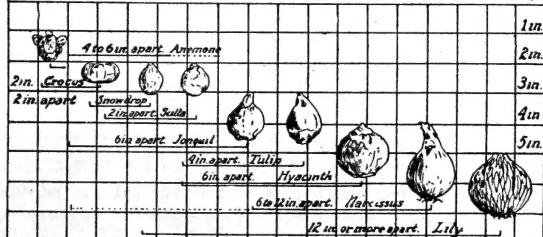
In ordering bulbs for the mixed beds and for the number contained in the two outer rows of different sized beds, refer to table below.

Diameter of Bed	No of Bulbs Required of Either		No of Bulbs Required for Two Outer Circles Only	
	Tulips	Hyacinths	Tulips	Hyacinths
3 feet.....	64.....	36.....	50.....	31.....
4 feet.....	113.....	50.....	68.....	45.....
5 feet.....	177.....	80.....	87.....	57.....
6 feet.....	254.....	120.....	104.....	69.....
7 feet.....	346.....	160.....	122.....	82.....
8 feet.....	452.....	210.....	140.....	95.....
9 feet.....	573.....	270.....	160.....	110.....
10 feet.....	707.....	330.....	180.....	120.....

NOTE—Plant the Tulips four inches apart in the rows and the rows four inches apart. Hyacinths six inches apart and the rows six inches apart. Narcissi same as Hyacinths. For Crocus, Snowdrops, etc., double the number of Tulips. See chart below.

DEPTH AND DISTANCE FOR OUTDOOR PLANTING

HYACINTHS
AND NARCISSUS
CAN BE GROWN
IN WATER
SEE PAGE 2



DESIGNS AND
SUGGESTIONS
FOR
TULIP BEDS
PAGE 8

The sooner Hyacinths and Daffodils are planted the better they will grow and force.

"DIAMOND
QUALITY"

TULIPS

All Selected, Large Solid Bulbs

The Tulip is one of our most popular and attractive early flowering bulbs, and nothing is more pleasing than a bed of good Tulips. Their great variety of color, intense brilliancy and beautiful shading make them universal favorites.

Whether planted in masses or small beds they produce a handsome and striking effect. Any good garden soil will grow them to perfection, and no bulb makes such a gorgeous display of blossoms with so little cultivation and care.

Culture—The culture of Tulips is similar to that of Hyacinths, except that the bulbs should not be planted quite so deep, and from three to six inches apart. All Single Tulips force easily. For indoor planting we have regular Tulip pans. Plant four bulbs to a six-inch pan; eight to an eight-inch pan, etc.

The letters A, B, C, following the varieties, indicate their earliness of bloom; the A's are the earliest, B's follow, etc. The average height in inches is also given for your benefit in selecting for bedding purposes.

Outdoors—Early or late planting does not seem to have much effect on Tulips, but they should be planted in fresh, rich soil, manuring should be done 6 months before planting.

New Odd and Rare Tulips

Be Sure to Include These in Your Collection.

For amateurs or commercial growers who are interested in the wonderful developments and improvements now being made in varieties, we offer the following list of new and rare tulips. They are all distinctive, of great beauty, and will command attention wherever shown; the collection is not expensive and they will prove an interesting attraction to your friends or customers.

 Order early as supply is limited.

Clusiana—The "Little Lady," a dainty little flower, 8 inches high, each bulb producing several blooms; outer petals cherry red, center white, violet base. Plant 6 to 8 inches deep in sunny, sheltered nook. Fine for rock garden.
Each, 7c; doz., 75c; 100, \$5.00

Florentine—Rich yellow; delightful fragrance of the Tea Rose; splendid for cutting, pot or garden.
Each, 4c; doz., 35c; 100, \$2.50

Greigi—The Queen of Tulips; handsome and distinct; flowers very large; brilliant orange scarlet with yellow and black center; spotted foliage.
Each, 15c; doz., \$1.60; 100, \$12.00

Kaufmanii—A wonderful new tulip blooming four weeks earlier than any other variety; color white inside, pink outside of petals; a rare and beautiful combination; a novelty of great merit. Each, 20c; doz., \$2.25; 100, \$17.50
Oculus Solis—"Sun's Eye," brilliant fiery red, black eye; beautiful and novel. Each, 6c; dozen, 60c; 100, \$4.00

Tubergiana—Giant of all Tulips; color brilliant vermillion with dark blotch at base; flowers 8 to 10 inches in diameter, height 20 inches, May flowering, prefers sunny situation, fine for rock garden.
Each, 25c; doz., \$2.50

Try a Bed
of White
Swan and
Gesneriana
Red.
For May
Flowering

WHITE SWAN

La Tulipe Noire—The Black Tulip, flowers large, lustrous and attractive, of fine form, true Darwin type, grows 24 inches high, May flowering. A rare novelty. Each, 35c; doz., \$3.50

Special—One each of these seven rare and beautiful Tulips, 90c postpaid.

 Our Tulip Bulbs are all grown by one of Holland's largest growers, an expert in Tulip Culture. His product is recognized by our leading florists to be unequalled for quality and perfection of bloom and our prices, quality considered, are the lowest.

Single Early Tulips

Single Scarlet

Artus, B 7—Deep, brilliant scarlet, fine for forcing or bedding.

Each, 5c; doz., 40c; 100, \$2.50

Belle Alliance, B 7—Brilliant scarlet, sweet scented, excellent for forcing and bedding.

Each, 7c; doz., 60c; 100, \$3.75

Couleur Cardinal B 10—Rich bronze scarlet, large fine flower of great substance, long stems, erect habit; a splendid bedder and one of the best for forcing. Our stock is extra fine.

Each, 5c; doz., 50c; 100, \$3.00

Cramoise Brilliant, B 10 (Sparkler)—Bright vermillion, large flowers of great substance, fine forcing.

Each, 5c; doz., 50c; 100, \$3.00

Crimson King, B 7—Bright crimson or scarlet, easily forced.

Each, 5c; doz., 40c; 100, \$2.75

Duc van Tholl, A 6—Bright scarlet; one of the finest for bedding and forcing.

Each, 5c; doz., 40c; 100, \$3.00

Pottebakker, A 8—Bright scarlet; large fine flower, good for forcing or bedding.

Each, 5c; doz., 50c; 100, \$3.50

Vermillion Brilliant, B 8—A beautiful flower; forces easily and early; one of the largest and finest scarlets.

Each, 8c; doz., 75c; 100, \$4.50

Single Pink

Rose Griselin, B 7—Beautiful, delicate pink; finest pink Tulip in cultivation.

Each, 4c; doz., 40c; 100, \$2.50

Rachel Ruisch—A light shade of pink, fine for outdoor planting.

Each, 4c; doz., 35c; 100, \$2.25

Single Violet

President Lincoln, B 8—Pretty shade of lilac violet.

Each, 8c; doz., 75c; 100, \$5.00

Wouverman, B 8—Purple violet, large flowers; fine for outdoor planting.

Each, 8c; doz., 75c; 100, \$5.00

Finest Single Mixed

This mixture contains all colors and shades, and is very fine for bedding.

Single White

Albion, B 8—One of the finest pure white Tulips in cultivation for forcing and bedding; flowers snow white, very large and of great substance.

Each, 5c; doz., 50c; 100, \$3.50

Duc van Tholl, A 7—Pure white; the best white Tulip for early forcing.

Each, 5c; doz., 50c; 100, \$3.00

Joost Van Vondel—White—**B 9**—Finest and most handsome pure white Tulip, extra large.

Each, 8c; doz., 75; 100, \$5.00

La Reine, B 8—Pure white; best white Tulip for forcing and bedding.

Each, 4c; doz., 35c; 100, \$2.00

L'Immaculee, B 9—Pure white; good for forcing and bedding.

Each, 4c; doz., 35c; 100, \$2.00

Pottebakker, A 9—Pure white; fine large flowers.

Each, 5c; doz., 40c; 100, \$3.00

Princess Marianne, B 9—A large white sort, slightly tinged with pink; excellent for bedding.

Each, 4c; doz., 35c; 100, \$2.50

Single Yellow

Chrysolora, A 9—Pure golden yellow, large and fine; excellent for bedding.

Each, 3c; doz., 30c; 100, \$2.00

Gold Finch, B 9—Golden yellow, sweet scented; forces easily and early; stands well, a good bedding sort.

Each, 4c; doz., 40c; 100, \$2.75

Mon Tresor—A 10—Earliest golden yellow, fine large flowers, one of the best forcing Tulips.

Each, 6c; doz., 50c; 100, \$3.00

Yellow Prince, B 9—Sweet scented; one of the very best for forcing; a fine yellow.

Each, 4c; doz., 40c; 100, \$2.50

Single Variegated Tulips

Brutus—Orange crimson, yellow edge; fine for forcing.

Each, 4; doz., 35c; 100, \$2.50

Cottage Maid, B 9—White bordered with, pink, extra fine and showy.

Each, 4c; doz., 40c; 100, \$2.50

Joost van Vondel, B 9—Deep, glossy, cherry red and white, large and attractive.

Each, 5c; doz., 50c; 100, \$3.00

Duchesse de Parma, C 10—Terra Cotta with yellow edge, large flower, forces well, fine for beds.

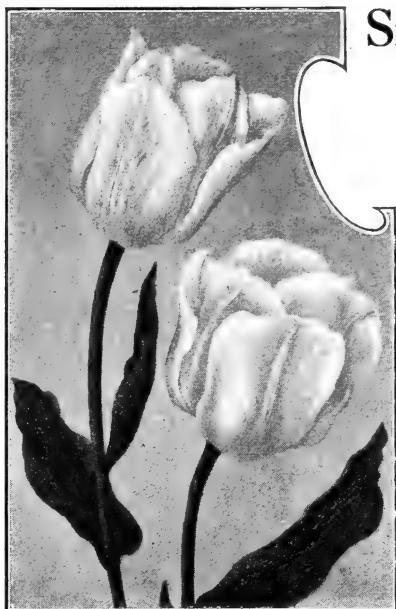
Each, 5c; doz., 50c; 100, \$3.00

Keizerskroon, B 9—Bright red, with yellow edge; very large, no other Tulip makes such a handsome bed.

Each, 5c; doz., 40c; 100, \$3.00

Standard Royal, B 9—Silvery white, feathered with cherry crimson.

Each, 5c; doz., 40c; 100, \$3.00



DARWINS.

Single Late or Show Tulips

These are to be grown in the open ground only; each individual blossom being a marvel of beauty in itself. They grow from 18 to 24 inches high and produce a fine flower.

Bizarres—Yellow ground, flaked with crimson, purple and violet. **Each, 4c; doz., 40c; 100, \$2.50**

Bouton d'Or—Golden yellow, graceful form, beautiful flower. The only late pure deep yellow, **Each, 4c; doz., 35c; 100, \$2.25**

Byblooms—White ground, flaked with violet, crimson and maroon. **Each, 4c; doz., 40c; 100, \$2.50**

Gesneriana Lutea—Deep yellow, fine, large flower. **Each, 5c; doz., 50c; 100, \$3.00**

Gesneriana Spathulata—Blooms large; color rich crimson with dark center. **Each, 4c; doz., 40c; 100, \$2.50**

Golden Crown—Deep yellow, with crimson edge; very showy. **Each, 4c; doz., 35c; 100, \$2.25**

Isabella—(Shandon Bells)—Cream turning to carmine, large. **Each, 5c; doz., 50c; 100, \$3.00**

Picotee—White with a pink border; fine for cutting. **Each, 5c; doz., 50c; 100, \$3.00**

White Swan—Giant pure white true egg-shaped; best late white. **Each, 4c; doz., 40c; 100, \$2.50**

Darwin Tulips

Late May and June

Darwins are the popular Tulip fad of the day. Coming in almost every known color and shade, their immense flowers on tall erect stems are truly grand, lending a majestic beauty not found in any other class. They are splendid keepers and for cut flowers unsurpassed.

For best effects Darwins should be planted in clumps of from 15 to 25 bulbs of one color, or in the foreground of shrubs, trees, borders, or buildings. They prefer partial shade but will thrive in any location. They come in hundreds of varieties of which we offer the following as the best of their color. Try them.

Clara Butt—Deep apple blossom, extra fine. **Each, 10c; doz., \$1.00; 100, \$7.50**

Farncombe Sanders—Beautiful fiery scarlet; best of its color. **Each, 10c; doz., \$1.00; 100, \$7.50**

Fra Angelica—Purple brown, earliest. **Each, 5c; doz., 50c; 100, \$3.50**

Hippolyte Blue violet. **Each, 10c; doz., \$1.00, 100, \$7.50**

Kate Greenway—One of the largest and latest; immense white flowers suffused with lilac. **Each, 5c; doz., 50c; 100, \$3.50**

La Candeur—(White Queen)—Splendid white flower, tinged delicate blush; large size. **Each, 5c; doz., 50c; 100, \$3.50**

Lord Duncan—Carmine red.

Each, 5c; doz., 50c; 100, \$3.50

Mme Krelage—Bright pink, lighter edge. **Each, 8c; doz., 75c; 100, \$5.00**

Painted Lady—Cream White, green markings. **Each, 6c; doz., 50c; 100, \$3.50**

Pride of Haarlem—Brilliant salmon rose shaded scarlet, blue at base; of grand size and form. **Each, 8c; doz., 75c; 100, \$5.00**

Rev. Ewbank—Soft Mauve, light edging.

Each, 10c; doz., \$1.00; 100, \$7.50

Tolosa—Dark rich pink.

Each, 10c; doz., \$1.00; 100, \$7.50

ASSORTED NAMED VARIETIES.

Each, 5c; doz., 50c; 100, \$3.50

MIXED. **Each, 4c; doz., 40c; 100, \$3.00**

Suggestions for Tulip Beds

No. 1—Circular Bed of **Belle Alliance** with edging of two rows of **Chrysolora**, yellow.

No. 2—Round Bed in four sections, first quarter **Cottage Maid**, pink; second, **Chrysolora**, yellow; third, **Belle Alliance**, scarlet; fourth, **Pottebakker**, white. This arrangement is effective with two colors, red and white being best.

No. 3—A Circular Bed of pleasing variety is made with **Kaiserskroon** scarlet edged gold, in center, **Belle Alliance** scarlet, next, then **La Reine** white, and on outside rows **Chrysolora** yellow.

No. 4—Bed in Three Sections or three rows of color; **Crimson King**, scarlet; **Rose Griselin**, pink; **L'Immaculee**, white.

No. 5—Bed in Three Sections or Rows; **Joost van Vondel**, cherry red with white stripe; **Rose Griselin**, pink; **Yellow Prince**, bright yellow.

No. 6—Double Tulips—**Eubra Maxima**, scarlet and **La Candeur**, white, give a fine showing, holding their form and lasting well.

No. 7—Single May Flowering—**White Swan**, **Gesneriana Spathulata**, rich crimson, and **Bouton d'Or**, pure deep yellow, can be used in pleasing combination. They are tall growers (18 inches) and the best of their colors.

Solid Beds of **Murillo**, early double light pink, or **Rose Griselin**, early single, delicate pink, are very attractive.

Double Tulips

The double Tulips are used mostly for outdoor planting, and bloom a little later than the early Single Tulips. Being double and full, the blooms last longer. This, with the great variety of colors, shades and markings, makes them favorites with many.

Early Blooming

Couronne d'Or, B 8—Fine yellow, the best double yellow for forcing, strong stem and stands handling well. **Each, 6c; doz., 60c; 100, \$3.50**

Duke of York, B 10—A lovely carmine having a white edge; very showy; fine for bedding. **Each, 4c; doz., 35c; 100, \$2.25**

Gloria Solis, A 9—Deep crimson, with a broad, golden yellow margin; a grand flower. **Each, 5c; doz., 50c; 100, \$3.00**

La Candeur, B 8—Pure white, very full and double; extensively grown in open beds. **Each, 5c; doz., 50c; 100, \$3.00**

Murillo, B 8—This is decidedly the best double light pink Tulip for forcing or bedding; flowers large and full; very fine. **Each, 5c; doz., 50c; 100, \$3.00**

Queen Victoria, B 8—Carmine, a lovely flower; good bedder. **Each, 4c; doz., 35c; 100, \$2.50**

Rubra Maxima, B 9—Bright crimson, scarlet, superb variety for bedding; cannot be forced; flowers large. **Each, 6c; doz., 50c; 100, \$3.00**

Early Double Mixed—This mixture contains a large and choice assortment of all colors and shades; very suitable for outdoor planting. **Each, 3c; doz., 30c; 100, \$2.00**



Double Tulip Murillo

Salvator Rosa, A 7—Beautiful deep rose, flamed with white; fine for forcing. **Each, 6c; doz., 60c; 100, \$4.00**

Tournesoll, A 9—Bright red, with yellow edge, sweet scented, large flower. One of the easiest doubles to force. **Each, 6c; doz., 60c; 100, \$3.75**

Each, 3c; doz., 30c; 100, \$2.00

Late Double Tulips

These are handsome and showy, and are often planted in small groups about the yard, as well as in large beds. Following varieties grow quite tall.

Blue Flag—Bluish violet, one of the best dark shades. **Each, 7c; doz., 60c; 100, \$3.50**

Marriage de ma fille—White, feathered with cherry crimson, flowers large, full and double; very showy. **Each, 7c; doz., 60c; 100, \$3.50**

Yellow Rose—A handsome golden yellow; a good bloomer. **Each, 4c; doz., 35c; 100, \$2.00**

Parrot Tulips

For The Open Ground Only.

These Tulips have immense, attractive flowers of singularly picturesque forms and brilliant and varied colors. The petals are curiously fringed or cut. They form extravagantly showy flowers of endless variety of form and color, and should be grown in every flower garden.

Admiral de Constantinople—Orange red, good size.

Cafe Brun—Orange, red feathered; very showy.

Cramoisse Brilliant—Beautiful carmine red, large flowers; very fine.

Lutea Major—Golden yellow, extra fine and large flowers.

Markgraaf—Inside rich orange, outside scarlet and yellow, feathered, extra fine.

Perfecta—Yellow, scarlet feathered.
Named Varieties.

Each, 5c; doz., 40c; 100, \$2.75

Fine Mixed—This mixture contains a large assortment of colors. **Each, 3c; doz., 25c; 100, \$2.00**

Plant a shallow rooting annual in your Tulip bed, and you will not have a bare spot when the bulbs are gone. It also keeps the weeds down. Forgetmenots, Petunias, Pinks, Poppies, Verbenas, Candytuft, are a few of the best. Low growing perennials are also good, as they need not be disturbed. It is best not to lift Tulips each year. Leave them in the ground. They bloom better.

PORTLAND SEED CO.'S



"Diamond Quality" NARCISSI

We consider Narcissi to be the most satisfactory and valuable of all flowering bulbs; coming in endless variety, adapting themselves to every planting condition or requirement, their stately and delicate beauty, exquisite perfume, earliness, free blooming and keeping qualities, endear them to all who have grown them.

Once planted in the field or garden they need no further attention but will thrive and perpetuate themselves, increasing in beauty for years.

Popular Types

The Polyanthus, flowering in clusters; the "Paper White" being the earliest, easiest to force and best known of this class.

The Trumpet types or "Daffodils" are the most widely known, and some of the best garden varieties are of this class; they also force easily, making ideal pot plants.

The "Chalice Cupped" or Star Narcissus are the daintiest and most charming of all types. To this class belong the Incomparabilis, Barrii, Leedsii, etc., all splendid garden varieties that will also give perfect results when grown in pots or forced.

The white flowered Poeticus type or "Pheasants Eye" Narcissus, give us some of the best of the later garden types, being hardy, sweet scented, very chaste and beautiful. Some varieties force easily, others are best suited to the garden or field.

The new Poetaz Narcissi are hybrids of Poeticus and Polyanthus types, forming a distinct and beautiful, free blooming, large flowered class that is attracting much attention and will be grown extensively as they become better known. They retain the polyanthus or cluster form of blooming, but the individual flowers are almost as large as the Poeticus types, equally valuable for bedding or forcing; extremely hardy.

Outdoor Culture—Plant in early fall if possible but plantings as late as Christmas will give excellent results. The depth to plant is $1\frac{1}{2}$ the depth of the bulb. This gives a covering of 2 to 3 inches of soil. Any good garden soil which has not been recently manured will give satisfactory flowers, but a deep moist loam is best. If the ground is dry or sandy it should be dug deeply, well manured and an annual, such as potatoes, grown the year previous. If your soil is light and you do not want to take off a crop before planting, give a light dressing of lime to the surface and work in a layer of well rotted manure a foot below, so as to be out of reach of the bulbs, this layer is to hold the moisture, not as a fertilizer. The best fertilizer is ground bone. This can be used with safety on poor sandy soil. A little sulphate of potash, 3-4 oz. to the square yard, will improve the color of the flower and retain the moisture.

Pot Culture—The Bulbs should be planted as soon as received as earliest plantings insure finest flowers. In potting use good, turfey loam, but let no manure of any kind, well rotted or otherwise, touch the bulb. Set in a cool, dark room for a month or two, until well rooted, then remove to the light for flowering. (All bulbs prefer a cool temperature. Be careful not to grow them too warm). Do not cultivate too much, as extra vigor of growth injures the purity of color. Some Narcissi prefer partial shade but grow splendidly in any situation.

New Cluster-Flower—Poetaz Narcissi

These are hardy hybrids between Polyanthus and Poeticus, very vigorous, growth tall and stately, with clusters of delightfully fragrant flowers. They thrive and bloom in great profusion; good keepers, forcing or bedding.

ELVIRA—Long graceful stem, flower heads have three to four large blooms, broad, white petals, deep golden cup, with scarlet edge, delicious fragrance.

Each, 7c; doz., 60c; 100, \$4.00

IRENE—Deep cup, beautifully fluted, perianth sulphur yellow, superb.

Each, 8c; doz., 75c; 100, \$5.50

In Planting Narcissi large groupings of irregular outline give most pleasing effects, shun symmetrical lines or formal designs.

Narcissi-Polyanthus

The Polyanthus varieties of Narcissi are not only beautiful, but deliciously sweet-scented, and of the easiest culture, very free flowering and suitable for forcing indoors or bedding out, continuing long in bloom. They bear tall spikes of bloom, bearing from six to twenty-four flowers each.

PAPER WHITE GRANDIFLORA

Flowers pure white, especially desirable for their beauty and delicious odor. It forces admirably and flowers freely in dense clusters; will come into bloom as early as December, if potted early. Forced by florists for cut flowers. Anyone can grow them in the house successfully. Plant one bulb to a three-inch pot, four to a six-inch pot. Can be grown in water. See page 2.

Each, 5c; doz., 40c; 100, \$2.50

Grand Monarque—Large, pure white, with lemon cup. One of the finest in this class.

Each, 8c; doz., 75c; 100, \$4.50.

Grand Soleil d'Or—Rich yellow, with orange cup; fine for bedding and cutting.

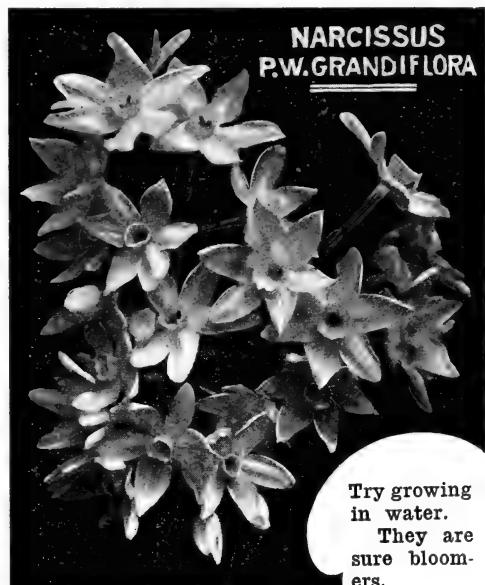
Each, 8c; doz., 75c; 100, \$4.50.

The Pearl—Pure white flowers of mammoth size and very fine; looks very much like the Grandiflora, but is much larger.

Each, 8c; doz., 75c; 100, \$5.00.

Extra Fine Mixed—A mixture of ten named varieties.

Each, 6c; doz., 60c; 100, \$3.50



Try growing
in water.

They are
sure bloom-
ers.

Sacred Chinese Lily

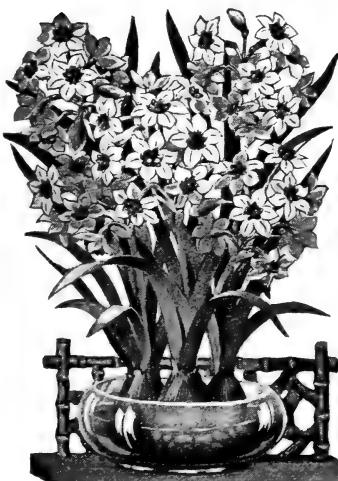
(*Narcissus Orientalis*.)

The "Shui Sin Far," or Water Fairy Flower, Joss Flower, or Flower of the Gods, etc., so called by the Celestials, is a variety of *Narcissus*, bearing in lavish profusion chaste flowers of silvery white, with golden cups, which are of exquisite beauty and entrancing perfume. They are grown by the Chinese, according to their ancient custom, to herald the advent of their new year and as a symbol of "good luck."

By method of culture original to them, they succeed in growing large, solid bulbs, which produce a profusion of bloom in an incredibly short time, usually not more than four to six weeks from the time of planting.

These Sacred Lilies do well in pots of earth, but are more novel and beautiful grown in shallow bowls of water, with enough pebbles to prevent them from tipping over when in bloom. A dozen bulbs started at intervals will give a succession of flowers throughout the winter.

This splendid flowering bulb increases in popularity each year, and we import annually, direct from China, immense quantities of the best bulbs.



Chinese Sacred Lily

The Chinese Lily bulbs offered by us are large, solid and well matured. They can be relied upon to be the true Chinese, which are superior to those grown in this country. Bulbs ready from September to April.

Each, 15c; 2 for 25c; doz., \$1.40.

Narcissi, Tagetta—Japanese Sacred Lily

Similar to Chinese but comes both single and double. Large flowered, dainty, jasmine scented, forces early. Culture same as China Lily.

Price, Single or Double. Each, 15c; 2 for 25c; doz., \$1.40



(Seven flowers from three bulbs of "GLORY OF LEIDEN" in 5 inch pot.—From Photo.)

The trumpet types of Narcissi are the true old fashioned form of Daffodils, but we now have many new and wonderful sorts, they are the largest and most glorious of all Narcissi and are perfectly hardy everywhere. Can also be grown in pots. See page 10 for culture. We especially advise you to try Mad. de Graaf and Glory of Leiden.

To enable you to plant for succession of bloom, we have numbered the varieties in their relative earliness. No. 1, early March; No. 2, late March; No. 3, early April; No. 4, late April; No. 5, May.

TWO GRAND NEW GIANT DAFFODILS THAT YOU SHOULD GROW.

Mad. de Graaf—(4)—A lovely white daffodil. Opens with soft primrose trumpet passing to white, of perfect form, giant size, vigorous and free blooming; forces well and for garden or naturalizing in grass has no superior; height 16 inches. First-class certificate, R. H. S.

Each, 40c; dozen, \$4.25

Glory of Leiden (4)—A fitting companion for the above; a bold, giant daffodil, with golden yellow trumpet, perianth lighter, very erect, of fine form and good substance; free blooming, forces well, is a good keeper and very hardy in open ground; height 14 inches.

First-class certificate, R. H. S. (See cut above.) Each, 30c; dozen, \$3.00

Albicans—(2)—The "White Spanish Daffodil")—Cream white, with silvery white trumpet slightly flushed with primrose and elegantly recurved at brim.

Each, 8c; doz., 75c; 100, \$4.00

Bicolor Empress—(3)—Perianth snow-white, trumpet rich yellow, serrated and flanged at the edges, large in outline and of rare beauty.

Each, 6c; doz., 60c; 100, \$3.50

Bicolor Victoria—(2)—A magnificent large variety, bold and erect. A rare beauty; sweet-scented and the best of the bicolor varieties. Perianth white and of great substance; trumpet rich yellow.

Each, 8c; doz., 75c; 100, \$4.50

Emperor—(3)—A magnificent flower; perianth primrose; trumpet large, rich deep yellow. One of the finest Daffodils in cultivation.

Each, 8c; doz., 85c; 100, \$4.50

Jonquils — Native of Spain—A Species of Narcissus

Very popular on account of their easy cultivation and very fragrant, golden yellow blooms, which remain a long time in perfection. Easily grown in the house or open garden. Half a dozen bulbs can be put in a five-inch pot, and with the same treatment as recommended for Hyacinths a fine display can be produced from January to April.

For garden display nothing is finer, they are lasting, flower freely, are deliciously perfumed, and of a beautiful golden yellow; best of all they are inexpensive and should be planted freely.

Jonquilla Simplex—Rich yellow, very fragrant, height 14 inches.

Each, 4c; doz., 35c; 100, \$1.50

Jonquil Campernelle—Single—Large, yellow flowers, 4 to 6 borne on each stem, fine forcing, splendid garden sort, height 18 inches.

Each, 5c; doz., 40c; 100, \$2.00

Jonquil Rugulosus—Improved giant Jonquil, broadly imbricated perianth wrinkled cup, beautiful rich yellow.

Each, 5c; doz., 50c; 100, \$3.00

Double Jonquil—Very double, deep golden yellow, deliciously fragrant.

Each, 5c; doz., 50c; 100, \$3.00

NARCISSI—Continued**Double Daffodils**

Van Sion—(*Telamonius Plenus*) (2)—“The True Double Yellow Daffodil.” Rich golden yellow perianth and trumpet. This is the old favorite so highly prized and deserves to be planted in quantity where it can remain undisturbed for several years. It will then thrive and bloom in increasing profusion every spring and is also one of the best winter flowering and forcing sorts, immense quantities being used for this purpose. (See cut.)

Each, 6c; doz., 50c; 100, \$3.00

Van Sion—Double nose, extra large bulbs.

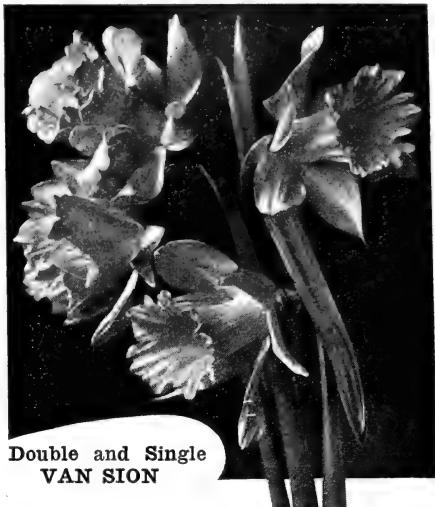
Each, 8c; doz., 75c; 100, \$4.00

Silver (Sulphur) Phoenix (3)—Very large flowers; pale creamy white, shading to primrose. One of the finest varieties for pot culture, and makes a splendid cut flower.

Each, 6c; doz., 60c; 100, \$4.00

Alba Plena Odorata—(6)—“The Double White Poet’s Narcissus.” Double, snow-white flowers, exquisitely scented; late flowering; cannot be forced.

Each, 5c; doz., 40c; 100, \$2.00



Double and Single
VAN SION

Orange Phoenix (3)—(*Eggs and Bacon*)—Beautiful double white flowers, with orange center; splendid for pot culture, cutting and garden planting.

Each, 5c; doz., 50c; 100, \$2.50

“Chalice Cupped” or Star Narcissi

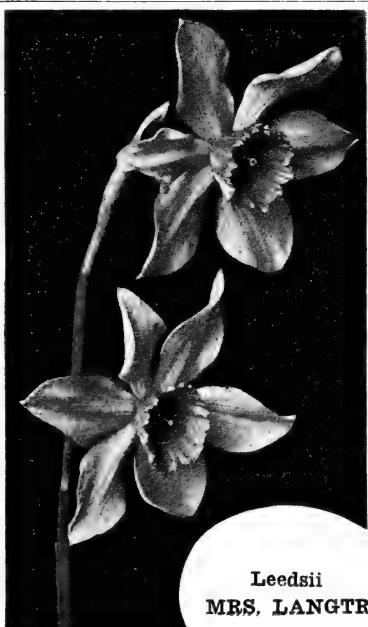
Incomparabilis, Barrii, and Leedsii, are types of this class of hardy, vigorous, free flowering Narcissi. They also force well, are inexpensive and most beautiful. Be sure to plant them.

Sir Watkin (2)—“The Giant Chalice Flower,” or “Big Welshman.” A gigantic variety, having immense, long-stemmed flowers, sometimes measuring five inches across, and is the largest variety grown. Color a rich light yellow, with a large, dark cup, tinted with orange. (See large flower on front cover).

Incomparabilis Simplex—Yellow, fine for forcing and cutting; flowers well formed and fragrant.

Each, 7c; doz., 60c; 100, \$3.50

Each, 5c; doz., 40c; 100, \$2.00



Leedsii

MRS. LANGTRY

Barrii Types

(See top flower on front cover.)

Barrii Conspicuous (4)—The finest of this class; long stemmed flowers, with beautiful broad-petaled perianth; sparkling canary yellow, with deep golden cup, richly edged with orange scarlet. First-class certificate, R. H. S.

Each, 5c; doz., 50c; 100, \$2.50

Maurice Vilmorin (3)—Creamy white perianth, cup long and heavily stained scarlet, extra fine.

Each, 5c; doz., 50c; 100, \$3.00

Orphee (2)—Perianth primrose cup edged orange scarlet; very beautiful free blooming variety.

Each, 5c; doz., 50c; 100, \$3.00

Leedsii Types

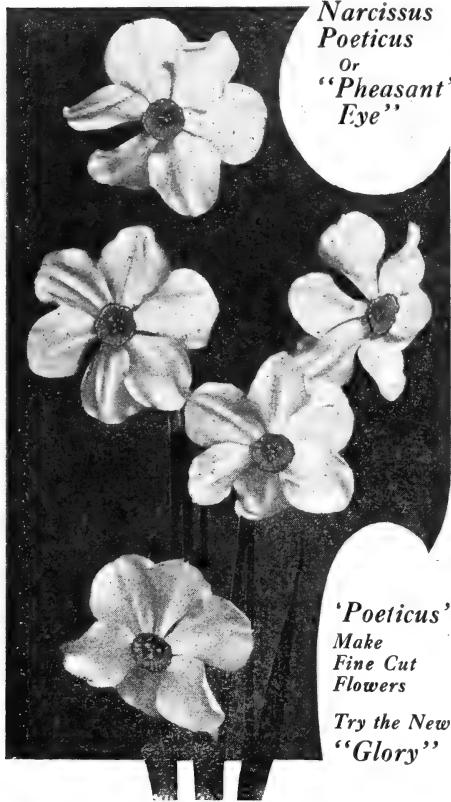
Mrs. Langtry (4)—A remarkable, free flowering variety, with broad white perianth and large white cup edged yellow. First-class certificate, R. H. S.

Each, 5c; doz., 40c; 100, \$2.50

Minnie Hume (3)—Large white perianth, spreading cup, passing from lemon yellow to white. One of the best and most beautiful. Also awarded a first-class certificate, R. H. S.

Each, 5c; doz., 40c; 100, \$2.50

Duchess of Brabant (3)—Perianth white, yellow cup, vigorous and free blooming. Each, 5c; doz., 40c; 100, \$2.50



NARCISSI—Continued

Poeticus Varieties

Poeticus Varieties—These are among the most beautiful of all spring flowering bulbous plants. The large, single blossoms, 2 to 2½ inches across, are of a snowy whiteness, intensified by the exquisite golden-colored cups, ringed like a pheasant's eye, with red and green. The flowers are gracefully poised on long, stout stems, adapting them for vases. They are especially valuable for garden planting. If allowed to remain undisturbed, they thrive, spread and improve every year.

Glory (4)—The new Poeticus, largest of the type. Snowy white, perfectly formed petals; a flower of great beauty, with every good quality. F. C. C., R. H. S.

Each, 30c; doz., \$3.00

Poeticus (Pheasant's Eye) (5)—(See cut)—Pure white flowers, orange cup, edged with red. Very useful for cutting in spring, as they can be planted in borders out of doors, where they are perfectly hardy, and will bloom year after year. **Does not force.**

Each, 3c; doz., 30c; 100, \$1.50

Poeticus Ornatus (4)—(The Improved Poeticus)—Pure white cup, edged with scarlet, much finer in form and earlier than Poeticus. A magnificent cut flower. **Largely used for forcing.**

Each, 3c; doz., 30c; 100, \$2.00

Snowdrops

GALANTHUS

The first flower to bloom in the spring, producing small but beautiful white blossoms before other outdoor plants are started. Plant about one inch apart in borders, beds or in clumps in the lawn, setting two or three inches deep. They come up from year to year and need not be disturbed until they become crowded. (See cut.)

Snowdrop Elwesi—(Giant Snowdrop), single.

Two for 5c; doz., 25c; 100, \$1.50

Snowdrop—Double. Each, 3c; doz., 30c; 100, \$2.00

Ixias

The Ixia is a beautiful little flowering bulb, with low, slender, graceful spikes of bloom. The colors are rich, varied and beautiful. Culture same as Hyacinths.

Named Varieties, Mixed. Each, 4c; doz., 40c; 100, \$2.00

Fine Mixed. Each, 3c; doz., 25c; 100, \$1.00

Muscari Botryoides

Grape Hyacinths—Very pretty early spring blooming bulbous plants, succeeding well in almost any soil or situation. White, blue, light blue. Each, 5c; doz., 25c; 100, \$1.50



SNOWDROPS

Muscari Plumosus

Feathered Hyacinths—An odd and interesting variety bearing spikes of beautiful purple flowers; hardy everywhere.

Each, 5c; doz., 25c; 100, \$1.50

Crocus

These charming little flowers bloom at a time when the ground is destitute of foliage or other flowers. This makes them most welcome, and they should occupy a prominent place in every garden. When planted in borders or beds in one or more colors, the effect is striking. No spring display surpasses that of the Crocus. The broad, wavy bands of golden yellow, striped, purple, or of pure white, when they expand their blossoms in February and March, are incomparable.

A desirable effect is produced by setting Crocuses here and there over the lawn. It is only necessary to lift the turf and insert the bulbs about two inches deep. They will care for themselves, blooming very early amid the grass, and dying down to the bulb in ample time to be entirely out of the way of the lawn mower. Once planted, they will remain uninjured in the ground and bloom for years.

Plant from October to March, about three inches deep and about two inches apart in beds or borders. Indoor, the Crocus can be easily forced. Plant from six to a dozen bulbs in a shallow pot, keep cool and water well, treating same as Hyacinths.

Named Crocus

For forcing or special work the Named Crocus is best.

The three following varieties are new and improved sorts, the finest of their colors. Be sure to include them in your list.

King of the Whites—Mammoth snow white, truly the king of all white Crocus

Lothair—White with blue stripes, very beautiful and distinctive.

Purpurea Grandiflora—Bright purple, large, fine flower; best of its color.

Price of any of the above. **Dozen**, 20c; 100, \$1.25; 1,000, \$8.50.

Baron Brunow—Bright purple, free bloomer, flowers large, extra fine.

Cloth of Gold—Golden yellow, slightly veined red, flowers large.

Cloth of Silver—Silvery white, striped lilac.

Price of above. **Dozen**, 15c; 100, \$1.00

Mixed Crocus
These separate colors in mixed shades are extensively planted for outdoor beds or borders. Our bulbs are all solid and sound and first size. We have four colors.

Anemones

These bulbs produce a most beautiful and showy flower. The plant is neat and compact in growth. Foliage is very fine and elegantly cut. Culture same as for Hyacinths. For forcing indoors, plant three or four bulbs in a four-inch pot. Avoid too much heat. Try some of these this season. Their beautiful flowers will please you.

Double blue, scarlet or mixed.

Each, 5c; doz., 40c.

Single scarlet, blue, white or mixed.

Each, 3c; doz., 30c.

Plant Crocus in your lawn just once. You will be
“Delighted.”



CROCUS

Assorted—Blue, striped, white or yellow.
Dozen, 10c; 100, 60c.

Mixed—All colors **Per 100**, 50c.

Giant St. Brigid's

New-Giant St. Brigid's—A new race of Anemones far superior to any hitherto known. Flowers come double, semi-double and single, from 3 to 5 inches across and in many varied and brilliant colors, long stems, free blooming. Planted inside in the fall will flower during the winter or can be planted in open ground after danger of frost has passed. Try them.

Price, Each, 8c; doz. 75c; 100, \$5.00

FREESIAS

These popular winter blooming bulbs force readily, coming into bloom early, and by successive plantings will last throughout the season. Their handsome clusters of white flowers have a most delicious fragrance. Plant four to six in 4-inch pot.

New Giant Freesia—Purity

A grand new Freesia of giant size and good substance, pure white, a vigorous grower and good keeper. First size bulbs (scarce).

Doz., 50c; 100, \$3.00

Refracta Alba—The flowers are pure white with a yellow blotched throat and are exquisitely fragrant.

First size bulbs.

Doz., 30c; 100, \$1.50

Extra large bulbs.

Doz., 35c; 100, \$2.50



Freesia

OUR RED CLAY FLOWER POTS ARE THE
BEST MADE. WRITE FOR PRICES ON
LARGE LOTS.

Cyclamen (Giant Persian)

These are among our most beautiful and interesting winter and spring flowering bulbs for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. There are no plants better adapted for pot culture, and few that produce such a profusion of bloom; the flowers range through many shades of pink, crimson, white, etc., some being beautifully spotted, and many of them delicately fragrant. Plant one bulb in a four or five-inch pot.

White, Carmine or Pink. Each, 25c; three, 60c; doz., \$2.25

Mixed Colors. Each, 20c; doz., \$2.00

For Cyclamen Plants ready to bloom, in pots, see catalog.



Cyclamen

Leucojum (Snow Flake.)

Pretty bulbous plants allied to the Snowdrop, but of much stronger and bolder habit, growing from one to two feet high, in rich soil, and producing freely, beautiful large white flowers distinctly tipped with green, excellent for cutting. When once planted they take care of themselves, and should have a place in all hardy collections; can also be grown in pots.

Leucojum Vernum (Spring Snowflake).

Leucojum Aestivum (the Summer Snowflake).

Each, 5c; doz., 40c; 100, \$2.50

Each, 5c; doz., 40c; 100, \$3.00

Allium

Neapolitanum—An excellent variety for winter flowering, extensively forced by florists for cut flowers. Its flower stems are 20 inches high, supporting a large cluster of delicate white starry flowers; sure to bloom splendidly in any window.

Neapolitanum Each, 5c; doz., 40c; 100, \$1.50

Mixed colors Each, 4c; doz., 30c; 100, \$1.25.

Chionodoxa

They produce flower spikes bearing lovely Scilla-like flowers. They are perfectly hardy, and may be planted as an edging to a bed, or in masses; they flower with the Snowdrops and last a long time in perfection.

Lucilliae—Bright blue with large, clear white center.

Each, 5c; doz., 40c; 100, \$2.25

Fritillaria Imperialis (Crown Imperials.)

A stately, showy, early blooming plant, bearing large bell-shaped flowers of various shades of red and yellow, should be planted in deep, well enriched soil and not disturbed for years. The Crown Imperial is a very attractive garden flower. **Fine Mixed**, Each, 15, doz., \$1.50

Ranunculus

Among dwarf flowers these are unrivaled for lovely form and bright and attractive colors, ranging through gorgeous shades of white, crimson, yellow, purple and black, many of them being beautifully marked with other shades. They flower profusely in pots in the house during the winter.

Turban, Mixed—Peony-formed flowers, large and early, vivid colors and compactly double. **Each, 4c; doz., 35c; 100, \$1.50**

Giant French, Mixed—Immense and gorgeous, loosely formed double flowers. **Each, 3c; doz., 25c; 100, \$1.00**

Persian, Mixed—Rose-shaped flowers, very double and rich. **Each, 3c; doz., 25c; 100, \$1.00**



SCILLA SIBERICA



SCILLA CAMPANULATA

Scillas

Siberica—This is one of the prettiest of early spring blooming bulbs, of dwarf habit, with sprays of exquisite rich blue flowers. Grown in masses in conjunction with Crocus, Chionodoxas and Snowdrops, the effect is charming; fine for forcing. **Each, 5c; doz., 40c; 100, \$2.50**

Campanulata—A beautiful spring flowering bulb, producing, before the leaves appear, spikes of bell-shaped flowers in blue, white and pink. **White, blue or pink.**

Each, 5c; doz., 50c; 100, \$3.00

Oxalis

Charming little half-trailing or bushy plants, particularly adapted for pot culture and hanging baskets; the foliage alone is very attractive, and when in flower they are exceedingly pretty.

Fine mixed **2 for 5c; doz., 20c; 100, 75c**

Bermuda Buttercup—Bears in profusion, bright, golden yellow flowers all winter. One of the finest winter blooming plants ever introduced for pots, baskets and vases; produces a mass of pretty foliage covered with hundreds of buds and flowers at one time. For forcing, plant the bulbs in light, rich soil and set in a cool place for several days, then remove to a warm, sunny window.

Single **Each, 4c; doz., 35c; 100, \$1.50**

Grand Duchess—A California variety of great beauty; of dwarf, sturdy growth; free flowering and very desirable. Pink, lavender, white or yellow.

Each, 4c; doz., 35c; 100, \$1.50

Erythronium (Dogstooth Violet)

Dens Canis Grandiflora, Mixed.

Fine hardy plants with charmingly variegated foliage, bearing lily-like blossoms of different colors; prefer moist situation with partial shade; grow well in pots for winter blooming. **Each, 5c; doz., 40c; 100, \$2.50**

Eranthus Hyemalis

Winter Aconite—The first flower of the year, often coming before the snow is gone, covering the ground with gilt spangles of flowers as early as February; succeeds in any soil or situation; remains in flower for weeks.

Each, 5c; doz., 25c; 100, \$1.50

Ornithogalum

Arabicum—A beautiful plant for forcing in the house. The leaves are long and narrow, flower spikes about 18 inches high, bearing large clusters of beautiful pearly-white flowers which have a jet-black center. Plant one bulb in a four-inch pot, same as Hyacinths. Extra choice bulbs.

Each, 12c; doz., \$1.25

Umbellatum—Like the above, only pure white. Known as "Star of Bethlehem."

Each, 5c; doz., 40c

Sparaxis

A beautiful class of bulbs allied to the Ixiias, and requiring the same treatment, producing spikes of flowers of the most exquisite and brilliant flowers.

Very fine mixed **Each, 3c; doz., 25c; 100, \$1.25**

Helleborus Niger

Christmas Rose—A fine, hardy herbaceous plant bearing large rose-tinted white flowers early in spring, or may be forced into bloom by Christmas time, if grown under glass; strong roots that will flower.

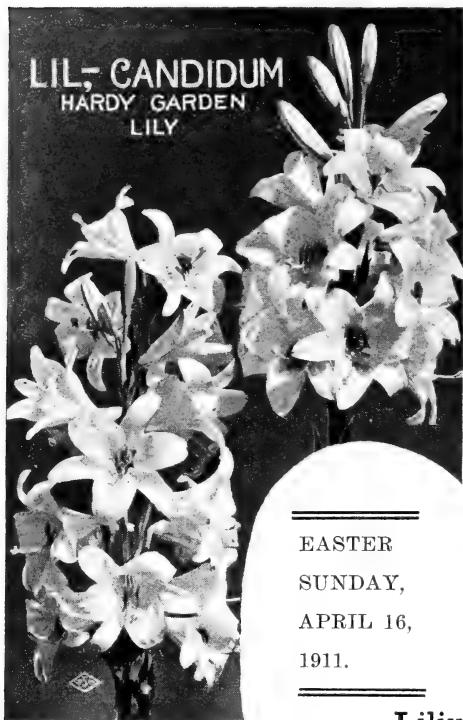
Each, 40c; doz., \$4.00

Triteleia Uniflora

Spring Star Flower—A pretty little bulbous plant for either pot culture or the open border, bearing fragrant star-shaped flowers of a delicate blue-white color.

Each, 5c; doz., 30c; 100, \$2.00

LILIES



EASTER

SUNDAY,

APRIL 16,

1911.

Your order for Bulbs is not complete without Lilies, the most fragrant, beautiful and stately of outdoor flowers, requiring less care and attention than any other plant. After Bulbs are set out they should remain undisturbed for five or six years. They will increase in size, beauty and number of flowers with practically no attention, our coast climate being perfectly suited to their requirements, and once established they rival the famous product of Japan, but as we do not grow them commercially, we have to depend on Japan and Bermuda for our best bulbs.

All varieties we offer are perfectly hardy, and should be planted outdoors during the fall or early spring. They flower each year from June to October. We have selected the finest types that bloom freely and in the various kinds listed below you will find Lilies suitable for every purpose.

New *Lilium Formosum*

A wonderful new Easter Lily from the Island of Formosa, extremely vigorous, free flowering, bearing more and better blooms than any other *Longiflorum* variety. Is also very early and absolutely free from disease.

Mammoth Bulbs.

Each, 25c; doz., \$2.50; 100, \$17.50

Large Bulbs. Each, 20c; doz., \$2.00; 100, \$12.00

Lilium Harrisii

(The True Bermuda Easter Lily.)

The flower so commonly forced for Easter, and known as the Easter Lily. The flowers are delightfully fragrant, pure waxy white, of great substance, and if cut as soon as they are open, or partly open, and put in water, they can be kept for two weeks.

If planted early they can be forced to bloom before Christmas. Plant one bulb in a six-inch pot of good soil and treat the same as other winter blooming bulbs.

Mammoth bulbs.....Each, 30c; doz., \$3.00 Large bulbs.....Each, 20c; doz., \$2.00

Lilium Longiflorum

MULTIFLORUM

Very much like the *Lilium Harrisii*, but preferred by many to that variety, as they are stronger and less liable to disease. They do not come into bloom quite so early, but the flowers are of better substance and more extensively used by florists for forcing for Easter and for cut flowers. When grown in the open ground they bloom in June and July. Can be planted in the spring or fall.

Mammoth bulbs.....Each, 20c; doz., \$2.00; 100, \$15.00

Large bulbs.....Each, 15c; doz., \$1.50; 100, \$10.00

Lilium Longiflorum

GIGANTEUM

Of grand size and substance; superior to the *Multiflorum* but forces a little later; especially fine for open ground.

Mammoth bulbs.....Each, 20c; doz., \$2.25; 100, \$15.00

Large bulbs.....Each, 15c; doz., \$1.75; 100, \$12.00

Lilium Candidum

This is the ever popular, fragrant, snow-white, hardy garden Lily. It grows four to five feet high, and blooms in the open ground in June. When grown in bold masses or in rows these Lilies are especially effective. The brilliancy of their snow-white flowers against surrounding greenery of shrubs, grass and trees is very telling. See cut. Our stock is imported from the Azores, the finest obtainable; should be planted early.

First size. Each, 20c; doz., \$2.00; 100, \$12.50. Second size. Each, 15c; doz., \$1.50; 100, \$10.00



Single Flower—Six to fifteen of these beautiful flowers, 8 to 12 inches in diameter, are often produced on one stem.

Auratum Rubro Vittatum

Giant flowers—pure white, beautifully spotted and with deep crimson stripe through center of petal. Truly magnificent.

Each, 75c; doz., \$8.00, postpaid

Auratum Pictum

Same as Auratum, except gold band shades into bright crimson at margin. A rare and beautiful lily.

Each, 40c; doz., \$3.50, postpaid

Auratum Platyphyllum

This is without a question one of the most wonderful Lilies in cultivation. The leaves are very long and broad, and the stems attain a height varying from seven to ten feet. The flowers are similar in color to Auratum, heavily spotted, but are much larger, the petals more overlapping, and of greater substance. See illustration.

Mammoth bulbs..... Each, 25c; doz., \$2.50; 100, \$17.50
Large bulbs..... Each, 20c; doz., \$2.00; 100, \$15.00

Lilium Speciosum

No words can overstate the brilliant beauty of this charming class. Its six broad, pure white, or pink petals thickly dotted with rose or carmine spots, and the graceful form, brilliant color and exquisite fragrance make this one of the most effective and desirable of the lily family. They are profuse bloomers and last for days after being cut and put in water.

New Lilium Magnificum

As its name implies, this new Lily from the southern island of Japan, is the most magnificent of the wonderful Speciosum Lilies. It is of the Rubrum variety, closely allied to Speciosum Melpomene, but of much richer color and grander size. Should be in every collection. Price,
Large bulbs..... Each, 30c; doz., \$3.00; 100, \$20.00

LILIES—Continued

Lilium Auratum

The handsomest and one of the best known of the Japan Lilies. Its immense ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a gold band fading at its edges into white; very fragrant. The choice bulbs we offer, with only fairly good culture, give from five to ten magnificent flowers, and under good cultivation will, after becoming well established, give from ten to fifty. They bloom from June to October.

Mammoth bulbs, very choice
 Each, 20c; doz., \$2.00; 100, \$12.00

Large bulbs
 Each, 15c; doz., \$1.50; 100, \$10.00

FOR QUANT
JAPANESE TREES AND PLANTS
 SEE PAGE 44



LILIMUM SPECIOSUM—Continued**Speciosum Album**

Pure white, flowers freely.
Mammoth bulbs,
Each, 30c; doz., \$3.00; 100, \$22.00
Large bulbs,
Each, 20c; doz., \$2.25; 100, \$17.50

Speciosum Rubrum

White, with dark rose spots.
Mammoth bulbs,
Each, 20c; doz., \$2.00; 100, \$15.00
Large bulbs,
Each, 15c; doz., \$1.50; 100, \$10.00

Speciosum Rubrum**Melpomene**

White, shaded rich blood crimson, heavily spotted; very rich and showy.
Mammoth bulbs,
Each, 25c; doz., \$2.50; 100, \$20.00
Large bulbs,
Each, 20c; doz., \$2.00; 100, \$15.00

Tiger Lilies

Tigrinum Flore Pleno (Double Tiger Lily)—This is a magnificent Lily, of stately habit, bearing immense clusters of very large double flowers on tall, strong stems, color bright orange real spotted with black
Each, 20c; doz., \$2.00; 100, \$12.00
Each, 15c; doz., \$1.50; 100, \$10.00

Tigrinum Splendens (Improved Single Tiger Lily)—Has very large flowers of excellent form; color orange salmon, with dark spots, hardy and free bloomer.
Mammoth bulbs Each, 20c; doz., \$2.00; 100, \$12.00
Large bulbs Each, 15c; doz., \$1.50; 100, \$10.00

Washingtonianum (Mt. Hood Lily.)

A beautiful Lily, native of Oregon; flower large, of open form; white, tinted with lilac; grows three to five feet high; very fragrant. Hardy everywhere.
Choice bulbs Each, 25c; doz., \$2.50

Lilium Elegans (Extra Red.)

Brilliant velvety red, large and beautiful; one of the finest of the Elegans class.
Each, 20c; doz., \$2.00; 100, \$15.00

Calla Lilies**Lily of the Nile**

Calla Ethiopica—Our well-known White Calla in its rare and stately beauty has few equals as a pot plant, and nothing is easier to grow. Plant one bulb to six-inch pot, give an abundance of water, light and heat, and the result will be most satisfactory.

We offer dry roots (from September on), as they are superior for forcing and winter flowering purposes. They come into bloom quickly.

First size bulbs Each, 15c; doz., \$1.50
Extra size bulbs Each, 20c

Arum Sanctum

The Black Calla—A rare and interesting plant, grows well and flowers freely; always attracts much attention. Each, 40c; doz., \$4.00

Calla Elliotiana

Yellow Calla—The finest of the yellow Callas, growing to perfection under ordinary pot culture. Treat same as White Calla, Flowers are a deep rich golden yellow—4 to 5 inches in diameter, and last a long time after opening. Foliage is a beautiful deep green, spotted silvery white; a grand novelty.

Each, 50c; dozen, \$5.00



CALLA ELLIOTIANA

PORLAND SEED CO.'S
"DIAMOND QUALITY."

Lily of the Valley

Fancy Berlin Pips

One of the most satisfactory and charming spring flowering plants, producing in profusion its delicate bell-shaped, delightfully fragrant, white flowers. "Valleys" thrive in any common soil, are perfectly hardy, and will succeed in shady situation. They can be left undisturbed in the open ground, where they will increase from year to year, and are most charming in beds or borders around the lawn. For outdoor planting and winter forcing, pips and clumps are ready November to March.

Selected Pips, for forcing indoors or planting outside. **Each, 5c; doz., 40c; 100, \$2.50**

Strong Clumps for outdoor planting.

Each, 30c; doz., \$3.00

NOTE—Clumps can only be sent by express or freight at buyer's expense.



LILY OF THE VALLEY.

Florists wishing a really first class "Valley," write us for prices

AMARYLLIS

All Amaryllis produce lily-like flowers varying in color from the richest crimson and scarlet to pure white. The bulbs we offer are of extra large size and will produce handsome flowers either in or out of doors.

Amaryllis Halli

(*Licoris Squamigera*.)

A new hardy pink Amaryllis-like flower, of exquisite beauty, producing its attractive green foliage in the early spring, dying down suddenly in July, but in three or four weeks the flower stalks shoot up as if by magic, to a height of two or three feet, developing a cluster of large and beautiful lily-shaped flowers three to four inches in diameter; color is a most charming shade of delicate lilac pink with dainty blue shading. Fall planting is best, and bulbs should be buried about four inches. A pleasing novelty, well worthy a trial.

Each, 20c; doz., \$2.00

Johnsonii

Johnsonii (Bermuda Spice Lily)—An old favorite. The immense trumpet-shaped flowers, which measure six to eight inches across, are borne on strong, fleshy stems and are a rich velvet crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color.

Choice bulbs, each, 35c; 3 for 90c



LICORICE SQUAMIGERA.

Belladonna Major

Belladonna Major (Belladonna Lily)—Autumn blooming variety of extreme beauty and fragrance; the spikes grow from two to three feet high, each carrying from six to twelve beautiful flowers, "sweet as lilies," of silvery white, flushed and tipped with rose.

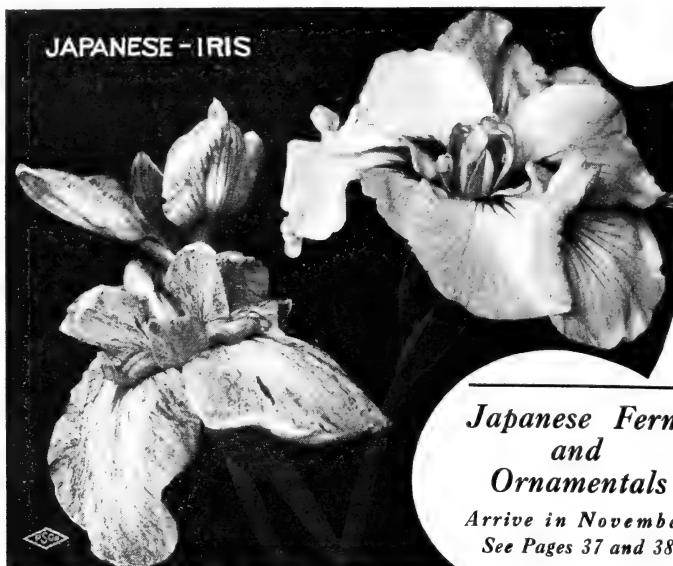
Choice bulbs, each, 25c; 3 for 60c

Vittata Hybrids

Vittata Hybrids—New varieties of exceptional beauty; flowers large, elegantly colored and marked. Good for early forcing.

Each, 40c; 3 for \$1.00

IF YOU WANT THE FINEST ROSES—TRUE TO NAME—SEND US YOUR ORDER.



*Japanese Ferns
and
Ornamentals*

*Arrive in November
See Pages 37 and 38*

IRIS

Magnificent plants for the garden. They bloom profusely and are exceedingly showy and fragrant. The colors are brilliant and cover a wide range of different shades and combinations. In the open ground they are perfectly hardy, increase rapidly and make a magnificent display either in clumps or borders. They do best in rich, moist soils. If soil is light, depress the beds a little below their surroundings; this helps to collect and hold the moisture. Plant in the fall or early spring.

Japanese Iris (Iris Kaempferi).

Japan Iris is the largest and most wonderful of the Iris family, no flower of any kind surpassing its rare beauty of form, brilliancy and variety of coloring, ranging from snow-white through maroon, violet and deep blue; striped, variegated, veined and blended in the greatest profusion, producing effects that are truly marvelous and indescribable. Blossoms early summer. Japan Iris succeeds best in a moist location but will thrive in any good garden soil. Plant 3 inches deep, about 4 inches apart; divide the clumps every two years. Fertilize established beds while dormant, using stable manure, but do not apply after growth starts. There are hundreds of varieties from which we have selected the following:

Gekka-no-nami—Dense pure white, yellow blotches, petaloid stigmas creamy.

Ho-o-jo—Ruby crimson, primrose blotches surrounded with white halo. Petaloid stigmas, white tipped purple.

Hana-no-nishiki—Brilliant claret red, penciled white, petaloid stigmas, white tipped, purple orange blotches.

Kuma-funjin—Purple overlaid with navy blue, 2 standards, petaloid stigmas, purple and blue, very large orange blotches.

Kumoma-no-sora—White, with a strongly marked sky-blue zone and mottled in the same shade; petaloid stigmas, white, margined lavender blue.

Kumo-isho—Purple, margined gray, yellow blotches, surrounded with velvety crimson petaloid stigmas dark violet.

Named Varieties

Mixed, good assortment.

Kumo-no-obi—Dark lavender purple, large standards, petaloid stigmas white tipped and bordered lilac, handsome flower, 3 petals.

Sofu-no-koi—White splashed, blotched and speckled sky-blue, primrose blotches, radiating into the petals; petaloid stigmas creamy white, tipped and margined violet.

Shimoyo-no-tsuki—White, yellow blotches at base petals, petaloid stigmas somewhat creamy, 6 large petals.

Uji-no-hotaru—Purple overlaid with sky-blue, orange blotches, standards claret purple, petaloid stigmas gray and violet, 3 petals.

Yezo-nishiki—Deep rich crimson, mottled and blotched white, 3 standards same color as petal, petaloid stigmas lavender blue.

Yomo-no-umi—Lavender blue; a distinct and beautiful flower; 6 petals.

Each, 20c; doz., \$2.00; 100, \$15.00

Each, 15c; doz., \$1.50; 100, \$10.00

WHY NOT GROW WATER LILIES? WE CAN SUPPLY THEM.

Spanish Iris

(*Iris Hispanica*).

Spanish Iris is the most useful and satisfactory Iris to grow, requiring no unusual condition or treatment to insure success, growing to perfection in any good garden soil. They are vigorous and hardy, early and free blooming, keeping well when cut; can also be forced easily, being great favorites with florists; in fact, have every good quality.

Blooms in early June two weeks before the English variety.

Blanche Fleur—A grand white flower of great substance. The best white for forcing or outdoor culture.

Cajanus—A magnificent tall golden yellow, free blooming, good keeper; best yellow Iris in cultivation, either to force or grow outside. Try it.

The varieties listed are best of their colors.

Count of Nassau—The finest dark blue Iris. Has an agreeable honeysuckle perfume; a very desirable new and rare Iris.

Louise—A beautiful shade of light blue, large, splendid flower. Always attracts at-

Finest named varieties.

Mixed, select, all colors.

Spanish Iris come in the most delicate and beautiful shades and colors, from white, through dainty blues to lavenders, dark blue, pure rich yellow, etc. Bulbs are inexpensive and we urge you to plant freely.

German Iris

German Iris is one of the best of the early spring flowers, is hardy everywhere, and if planted in a moist situation or watered freely, will produce magnificent orchid-like blooms of great size and delightful fragrance. Comes in charming color effects in blues, browns, yellows, purples, white.

Florentine Alba—White.

Celeste—Satiny Blue

Spectabilis—Violet Purple

Shakespeare—Bronze Violet

Mars—Light Yellow and Cream

Choice roots for fall planting Each, 15c; doz., \$1.50; 100, \$10.00

English Iris (*Iris Anglica*).

English Iris is almost as large as the Japanese variety and also comes in a marvelous range of colors and variegations, is extremely hardy, growing 18 in. to 28 in. high, coming into bloom just before the Japanese Iris. Like all Iris, a moist situation is preferred, but any good soil will grow them splendidly. Plant 3 to 4 inches apart. English Iris is one of the best for naturalizing.

MONT BLANC—Largest and finest. Pure white.

Each, 6c; doz., 60c; 100, \$4.00

Assorted Colors, 10 Best Varieties.

Each, 5c; doz., 50c; 100, \$3.00

Mixed.

Each, 5c; doz., 40c; 100, \$2.50



For Finest
New
Dahlias
See Pages 26-28



Single
Frilled
Begonias

"Diamond Quality"

TUBEROUS ROOTED

BEGONIAS

From their early first blooming until cut down by frost, Tuberous Begonias display a mass of bloom of most gorgeous and brilliant coloring. They are distinct and unique, their giant flowers fully six inches in diameter, in wonderful shades of yellow, bronze, white, reds, pinks, etc., with thick waxy petals and grand ornamental foliage, never failing to excite the wonder and admiration of all who see them. There are four types, Single, Double, Frilled and Crested.

Our Oregon climate is ideal for their perfect development, and they delight in a shady, cool location, where few other plants thrive, lasting through a long season.

CULTURE—The soil should be rich in leaf mould, or well rotted manure, a little sand being beneficial. Start the bulbs inside in the early spring, and transplant when danger of frost is past. They should be lifted in the fall before frost, dried and stored in sand in a cool place.

A good way to start Begonias and Gloxinias is to put the bulbs on a layer of moss in a box or flat and cover with another layer. Keep moist but not too wet; temperature about 70 degrees; this starts both top and roots, then pot for root development before transplanting outside.

Single Flowering

These are of immense size, erect, flowers of great substance, free blooming and very lasting. Varieties we offer have been carefully chosen, are true to color and bulbs are of large size, blooming the first season. Come in eight separate colors, copper canary, orange, crimson, rose, pink, white and salmon.

Price, each, 10c; doz., 85c; 100, \$6.00

Crested

This remarkable strain comes in all the finest colors, and the flowers are as large as the largest singles. The petals, of great substance, carrying on their upper surface a crested formed cockscomb, which is a very attractive and interesting addition to the flower. Price, separate colors,

Each, 20c; doz., \$2.00; 100, \$15.00

Double Flowering

Many charming effects are found in the double varieties, they being often as full and beautiful as a rose, some of the white varieties resembling giant carnations. Price, separate colors. Each, 15c; doz., \$1.50; 100, \$10.00

Frilled

(See Cut.)

Single frilled Begonias differ from the plain singles only in having the heavy frill or fringe on the edges of the petals. They have the same range of color, handsome foliage and free flowering habit. Separate colors.

Each, 20c; doz., \$2.00, 100, \$15.00

Mixed

Our Diamond Mixture, containing all of above sorts.

Per doz., \$1.50; 100, \$10.00

Our Begonias and Gloxinias come from Ghent, Belgium, where finest bulbs are grown.

Gloxinia

Gloxinias are such attractive, free-blooming summer flowers that every one should grow them. But there is a general impression that they can only be grown by a florist. This is not so, as the observance of a few simple details will insure success with this most beautiful and interesting plant.

The prime factor in growing Gloxinias is the soil, which must be about equal parts rotted sod or leaf mould, good rich loam, and sharp sand. The next consideration is watering, which must be carefully done, avoiding the sprinkling of the foliage. Put the water on the roots and keep an even moisture, not too wet. Give the same general treatment advised for Tuberous Begonias.

GLOXINIA CRASSIFOLIA ERECTA—Fine named varieties, separate colors and shades; white, crimson, purple, etc.
Select mammoth bulbs.

Each, 20c; doz., \$2.00; 100, \$15.00

 Be sure to plant Tuberous rooted Begonias, their foliage alone is worth growing, but with the blooms added, nothing is in their class, and their cost is not great. Put them on the shady side or the sunny side, or grow them in pots, only don't overlook the opportunity.

PAEONIES (*Double Herbaceous*)

The development and increase in popularity of the Peony has been unparalleled among flowers, and the profusion and duration of bloom, combined with handsome, massive foliage, accommodating habit and easy culture, render them one of the most popular, hardy plants grown for lawn and garden decoration.

New—Baroness Schroeder

(**Kelway**)—We offer true stock of this rare Peony, the most beautiful and desirable of English introductions.

Color in bud is a lovely, delicate flesh pink, bleaching to white when fully expanded, extra large massive flowers, true stock is scarce and we can supply but a limited number of field grown roots, 2 to 3 shoots. Price, each, \$5.00

Festiva Maxima—This superb variety is easily the most popular and valuable Peony. Its flowers, of rare beauty and great size, are perfectly double, pure white, tipped or flaked with a small crimson spot at center; petals fine as summer silk; finest white in cultivation, strong roots.

Price, each, 75c;

Large specimen plants, \$2.00

Alba Sulfurea—Large, creamy white bomb, very massive. One of the best whites of the bomb type.

Price 50c

L'Esperance—Blooms just after the Officinalis varieties; tall, robust grower; good bloomer; flowers fragrant and of good pink color.

Price 30c

Modeste Guerin—Bright crimson rose, "American Beauty" shade, bomb shape, very full, fragrant, free. Midseason.

Price 60c

Officinalis Rubra—Flowers of a bright scarlet crimson; quite double and globular; very early, rare and fine.

Price 30c

Officinalis Alba—Blooms with Officinalis Rubra flowers large and handsome. When Alba first opens it is light pink, fading to white as flowers get older.

Price 40c

Fragrance—Late; color, deep rose; fragrant and a very prolific bloomer; tall grower.

Price, 30c

Tree Peony—P. Moutan

This is a wonderful Peony developed from the native plants of China and Japan. The present commercial types are of shrub-like form, sturdy, spreading bushes of rather slow growth, attaining a height of 4 to 5 feet. The immense flowers are of most rich and striking colors, truly gigantic, ranging from 8 to 16 inches in diameter; the foliage is also quite distinctive.

As lawn specimens, either singly or in groups, nothing is more attractive. All stocks are grafted, and though hardy, should have some protection in severe situations. Plant with the buds above ground. Colors are crimson, pink, scarlet, rose and variegated.

Strong, Imported Roots, from January to May, by express at buyer's expense (too heavy to mail).

Each, 75c



Paeonies are always free from disease and insects do not bother them. They are hardy, thrifty growers, bloom freely, and nothing will add more to the beauty and attractiveness of a lawn.

Jeanne d'Arc—Very beautiful soft pink flower, sulphur-white and lively rose; center spotted carmine. One of the handsomest.

Price 40c

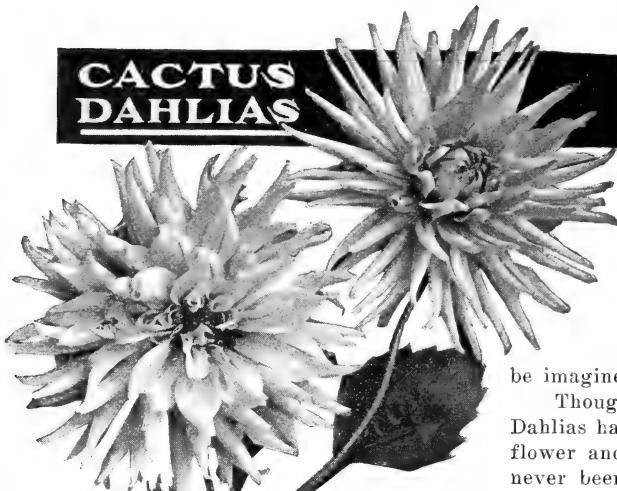
Golden Harvest—Nearest approach to yellow; shows some pink while in bud, but as soon as it opens, turns to a creamy yellow, with a few red tips; a fine, free bloomer and a grand flower; mid-season.

Price, 60c

Mad. de Verneville—Broad outside petals, sulphur white, with center rosy white, sometimes edged carmine, and beautifully imbricated, an exceptionally fine full flower, with the sweet fragrance of the rose. One of the earliest.

Price, \$1.00

CACTUS DAHLIAS



DAHLIAS

OUR "Diamond Quality" Dahlias registered prize winners from the best American, English and continental producers, will prove a revelation to all growers. The rapid evolution of the types and varieties, under scientific culture is the marvel of the floral world, and their possibilities can hardly be imagined.

Though the genus comprises but few species, Dahlias have a wider range of color than any other flower and for intense brilliancy and beauty have never been equaled.

We grow our own Dahlias, offering only those we know to be valuable. Our descriptions are made in the field, not copied or guessed at, and our Dahlias are true to name.

Illustration shows a corner of one of our Dahlia fields.



THIS year's Dahlia trials were a pleasant surprise, proving our selections to have been especially fortunate, for rarely do we have the pleasure of offering our customers so many novelties of such sterling worth, and you can have every confidence that our new Dahlias will be true to their registered names and as described. Furthermore, they will all be erect bloomers and good keepers, for in this list we have only included those varieties that withstand our severe field test.

CULTURE

Dahlias will grow to perfection in any good garden soil, preferably one that contains a little sand. Plant as soon as the frost is gone and the ground warm, cutting the tuber to a single strong eye, and placing it on its side at a depth of about 6 inches, in ground that has been previously well cultivated. An excellent way to start Dahlias is to sprout the tuber in a green house and set out the rooted plants. These are generally believed to give more and better flowers, but is more trouble than planting the bulbs. Rows should be four feet apart, plants 18 inches to 3 feet apart in the row, depending on whether planted for a hedge or for specimen plants. Cultivate thoroughly until ready to bloom, then deep tillage must cease and only the surface be lightly stirred, as deep cultivation at this time is fatal to blooming.

If you use commercial fertilizer, do not apply until the plant starts growth, then work it into the top soil, 5 or 6 inches from the plant. Bone meal is an excellent fertilizer for Dahlias but must be applied early, as it is slow in action. When the plant is well up, say 6 to 10 inches, pinch off the top, leaving 2 or 3 joints. This will cause it to branch out into a more sturdy, bushy growth. Water freely.

 We would particularly call attention to the new types of "Paeony Flowered" Dahlias as being of rare beauty and great value for garden effects or cut flowers.

Our "Diamond Collection" of
NEWEST
Cactus Dahlias
FOR 1911

Rare Novelties of Real Merit

We have grown this entire collection from originators' stocks and can assure our customers of having the genuine varieties as described and registered. All are good growers, erect, and of distinctive form.

They will not disappoint you.

Rooted cuttings of these Dahlias sold in Europe the past spring for introduction at \$2.00 to \$4.00 each. We offer field roots, our own growing; or plants in season.

Entire collection, 12 varieties, \$12.00, prepaid. Each, \$1.25.

Curt Englehardt—Color brilliant, deep, fiery crimson, beautiful star-shaped flower; lighter at tips, which are quilled; free blooming; an excellent cut flower; stems extra good.

Desdemona—An exquisitely beautiful, daintily formed flower of the Dorothy Oliver type, but a larger, better Dahlia in every way; the central shade is a lovely creamy canary shading to white at ends of the slender, in-curving petals; flower very full, erect, borne on long stems above the dark, rich foliage; a vigorous free bloomer.

Dornroschen—A most unique and remarkable Dahlia coming in variable shades, carmine to brilliant red, shading to delicate pinks with blush suffusions; all degrees of color from the bright red self colors to the lighter variations, on the same plant; a dainty, perfectly formed, fully double flower; long slender petals, beautifully in-curving and quilled; large and free blooming; long stems, erect; compact bush.

Genoveva—An elegant distinctive flower of a pale canary yellow, with a beautiful faint greenish tinge suffusing the entire flower, which is large, well filled, incurving petals; erect, long stems, free blooming; approaches paeony type in its twisted formation; bushy, compact, vigorous grower.

Harmonie—A fine, full flower, chamois yellow center, outer petals a soft salmon red with lighter tips; a most elegant and free blooming Dahlia; erect grower, good stems, a great improvement over Aschenbroedel.

Lily Seismeyer—A rare shade of deep orange buff, with rich light yellow center; a very unusual and beautiful combination; petals are of great substance; blooms large, erect, on long stems; is very early, free blooming, and one of the most lasting when cut.



MODELL

Modell—This is truly a model Dahlia with a coloring all its own. A beautiful clear waxy yellow, with a delicate plum blush sheen over tips of petals; a dainty, lovely flower of large size, perfect form, petals incurving, erect on long stems; one of the best bloomers and most vigorous growers ever produced. Add Modell to your collection.

Magnet (Mann 1910)—A strikingly beautiful flower that attracts immediate attention; the first color impression being almost a true lavender, with purplish pink suffusion at points of petals; yellow suffusion in center; entire flower seems overlaid with a blue sheen. Magnet has broad twisted petals, is full and large, very early, long stems, erect, free flowering, good keeper.

Mauve Queen—A beautiful true lavender with lighter center, full flower with finely quilled petals; beautifully formed, incurved; an erect grower, long stems, vigorous, free blooming; a grand exhibition flower and one of the best introductions in years.

Othello—A glorious full, large flower of deepest, richest crimson, center almost black; finest true cactus form; petals of great substance, free and continuous bloomer, producing the most perfect flowers; long stems, erect, good keeper; an ideal flower in every way and one of the earliest.

Weisse Dame—A valuable new white of splendid form; large, full, petals curved and twisted; one of the best and most free-blooming of white cactus Dahlias; its great wealth of perfect flowers are borne erect on long wiry stems; compact bush.

Vulcan—A brilliant fiery vermillion, or orange scarlet, a veritable "hedge of fire," one of the most profuse bloomers, rivalling the Countess of Lonsdale; a splendid flower on long, erect stems high above the foliage; compact, vigorous bush. Vulcan is the ideal hedge Dahlia—and as a cut flower outlasts other Dahlias. Try it.



VULCAN

New Paeony Flowered Dahlias



We secured this rare novelty direct from Germany when first offered and after a thorough test pronounce it the largest, most beautiful and distinctive white Dahlia ever grown.

For vigor of growth, free blooming and perfection of individual flowers, we have never seen its equal. It is also one of the best keepers. In these respects far outclassing Queen Wilhelmina, which has heretofore been the model white of the Paeony section. For grace of form this charmingly beautiful flower has no competitor among the Dahlias, and for garden effects cut flowers, or decorations under artificial light "Giant Edelweiss" cannot be excelled. Planted in the field without irrigation in the driest season, "Giant Edelweiss" was a mass of bloom, flowers from 6 to 8 inches across on long stems borne high above the compact bush, which grows 4 to 5 feet.

Strong flowering roots or plants in season, each \$1.50

Philadelphia

This new Giant Dahlia belongs to the same type as Giant Edelweiss, is very vigorous and floriferous, thriving in the driest weather. Color of outer rows of petals is carmine rose, the two inner rows passing to a soft blush white, center bright yellow; a very beautiful and compact plant, always showing its giant, bright colored flowers on long wirey stems above the foliage. Bush compact, 4 to 5 feet, a companion for "Giant Edelweiss."

Roots or plants in season, each \$1.00

LAWN FERTILIZER

Fifty pounds of our Odorless Lawn Fertilizer, No. 5, scattered over a city lot will give the lawn a beautiful green, velvety appearance. Our Fertilizer Booklet tells all about our Diamond Fertilizers—for every purpose—gives valuable reference tables and practical information. It's Free, send for a copy.

THIS newest type of Dahlia, originating in Holland, comes to us with the endorsement of all Europe, and from the interest shown since its introduction into this country, bids fair to become one of our most popular flowers.

The blossoms are semi-double of enormous size, and the coloring is most brilliant and beautiful. They come in several pleasing forms, generally with 3 to 5 rows of petals, which are long and broad, sometimes being beautifully curled and twisted.

The type shows a new departure in "Giant Edelweiss," which combines the cactus petal with the giant size and form of the Paeony flowered Dahlia, the development of this rare type will be watched with great interest.

Paeony Dahlias bloom more freely than any other class, are very vigorous, growing to a height of 5 to 6 feet, with their flowers on long stems above the foliage.

We have grown every one of the following and they are the best of this remarkable class.

Giant Edelweiss

This new type of Dahlia has true cactus petals of enormous length, curving inward at the tips; color a pure glistening velvety white, of great substance; the center is a brilliant golden yellow, forming a most striking contrast, producing a perfect duplicate of the famous Edelweiss of the Alps, on a gigantic scale, hence its name.

For vigor of growth, free blooming and perfection of individual flowers, we have never seen its equal. It is also one of the best keepers. In these respects far outclassing Queen Wilhelmina, which has heretofore been the model white of the Paeony section. For grace of form this charmingly beautiful flower has no competitor among the Dahlias, and for garden effects cut flowers, or decorations under artificial light "Giant Edelweiss" cannot be excelled. Planted in the field without irrigation in the driest season, "Giant Edelweiss" was a mass of bloom, flowers from 6 to 8 inches across on long stems borne high above the compact bush, which grows 4 to 5 feet.

Strong flowering roots or plants in season, each \$1.50

Philadelphia

This new Giant Dahlia belongs to the same type as Giant Edelweiss, is very vigorous and floriferous, thriving in the driest weather. Color of outer rows of petals is carmine rose, the two inner rows passing to a soft blush white, center bright yellow; a very beautiful and compact plant, always showing its giant, bright colored flowers on long wirey stems above the foliage. Bush compact, 4 to 5 feet, a companion for "Giant Edelweiss."

Roots or plants in season, each \$1.00

Geisha

This is the most remarkable and distinctive Dahlia ever grown, and while belonging to the "paeony" section, is in a class of its own; the color is unique, entirely apart from other Dahlias, having a rich, bright golden yellow ground color near center; suffused and heavily marked with clear bright red, shading toward points of petals into the clear yellow of the ground color; a beautiful deep golden center, adds to the harmony of the color scheme which is the most striking and brilliant ever seen in a Dahlia. The immense flowers often attain a width of 10 to 12 inches, and the massive petals, more than in any other paeony type, are twisted and curled in the most fantastic manner. Geisha is a sure grower and free bloomer even in the driest weather, but is a shy reproducer and very scarce. We have a few roots of our own importing which we offer at Each, \$2.00

Plants in season, same price postpaid.

P. W. Janssen

A magnificent Dahlia of splendid form and distinctive coloring, being a lovely shade of old rose, marked and suffused with deep, rich golden yellow, a rare and beautiful combination.

Bush grows to a height of 5 or 6 feet, is very vigorous and blooms freely. The giant flowers are borne high above the foliage, on long, strong stems, and keep better when cut than any of the other paeony-flowered, making them very valuable for decorations.

It is also one of the most valuable sorts for garden effects, as its great wealth of bloom, continuing until frost, is only equaled by "Giant Edelweiss." We introduced "Janssen" last season, and reports from every section prove that it has more than fulfilled every expectation. Don't fail to include Janssen in your order. We have made the price specially low. Tubers or plants in season.

Each, 60c postpaid; doz., \$6.00

Germania

A rich, dark, velvety wine color with a suffusion of golden-yellow toward the edges of petals; a brilliant and pleasing color effect. We consider Germania to be the best red, as it is free from the purplish tint that spoils other reds; it is also a better keeper.

Plants or tubers. Each, 35c; 3 for \$1.00



"Geisha"
New Peony
Flowered
Dahlia

Queen Wilhelmina

Large pure white, central petals beautifully twisted and curled; very vigorous and free flowering; one of the finest garden Dahlias.
Plants or tubers. Each, 35c; 3 for \$1.00

Glory of Groenekan

Extra large flowers of finest form. Color a splendid golden orange. Strong grower; free-flowering.
Plants or tubers. Each, 35c; 3 for \$1.00

Queen Emma

Giant flowers of a lovely soft lavender pink, irregular ranges of petals, long stems.
Plants or tubers. Each, 35c; 3 for \$1.00

FINEST CACTUS DAHLIAS

OUR OWN SELECTION

From comparative tests in the field we have selected the following as being the best of their types and color. This list contains many of the finest new Dahlias as well as the best of the older ones:

Red

Berlichengen—New, deep crimson-carmine; brighter at tips; of the finest form and substance; a true cactus type of rare beauty; very floriferous. Each 35c

Burbank—Deep rich cardinal red, of finest form and substance, full and free blooming; best of its color. Each 35c

Eva—Pure white, fine form. Each, 25c

Fairy—Beautiful clear white, narrow petals, fine form; one of the best; try it. Each, 35c

Florence M. Stredwick—A grand new white; large, fine form (see cut). Each, 25c

Edith Waters—Beautiful carmine pink, claw-shaped free-blooming, desirable. Each, 35c

Matchless—Dark rich crimson. Each, 20c

Nelson—Deep maroon, large, well-filled flower, fine petals, claw-shaped, central ones interlacing; a distinctive new Dahlia. Each, 75c

Progenitor—Bright carmine, fringed petals, new variety of great beauty. Each, 20c

White

Schwan—The giant blooms of a pure glistening white with their narrow, twisted petals have a beauty and elegance not approached by any other variety. Blooms early. Each, 50c

Lawine—Fine large white, faint blush tint, erect, free-flowering; extra good. Each, 35c

FINEST CACTUS DAHLIAS—Continued



Thuringia	A magnificent flower of immense size and perfect form; color, a brilliant orange-vermillion; perfect cactus type, of great depth, petals narrow, curving upwards; a grand exhibition sort.	Each, 35c
Roland Von Berlin	A fine scarlet of great brilliancy, flowers full and erect; long stems; one of the best.	Each, 40c
Rother	Dark rich crimson, very early and free-flowering, of vigorous, erect habit; bush rather dwarf; flowers of the largest size; perfect cactus type.	Each, 35c
Santa Rosa	Glowing scarlet. Burbank Dahlia.	Each, 25c
Signal	Brilliant crimson-scarlet; height 24 inches; flowers large, of fine form; free-blooming.	Each, 40c
Uncle Tom	Deep velvety crimson; almost black; fine form, full and attractive.	Each, 25c

Pink

Brittania	Beautiful salmon-pink.	Each, 25c
Clara G. Stredwick	Bright lovely salmon; finest of its class.	Each, 25c
Countess of Lonsdale	Rich, rosy-pink, very floriferous.	Each, 15c
Frau Hermina Marx	A new Dahlia of rare beauty, color the same lovely shade of pink as the LaFrance rose; center delicate flesh; erect, free bloomer; very desirable.	Each, 25c
Helene	Delicate, clear pink, with rich creamy center, a beautiful flower on very long stems and the greatest bloomer of all cacti.	Each 50c
Kriemhilde	Blush-pink; a prize winner; one of the finest new Dahlias.	Each, 20c
Mrs Stranock Gaskill	A delicate shade of exquisite pink; large, finely petaled; a rare novelty of great beauty.	Each, 60c
Pink Pearl	Deep rich pink; fine form.	Each, 25c
Victor von Scheffel	Clear, lovely pink; a beautiful Dahlia; perfect form.	Each, 35c

Yellow and Shades

Capstan—Orange-scarlet and apricot; one of the finest for cut flowers; dwarf habit, free-bloomer, with large, perfect flowers on long, stiff stems.
Each, 15c

Erlkonig—Soft chestnut, yellow base; fine.
Each, 20c

Master Carl—Bright amber, of giant size and perfect form, immense petals, gracefully curved; free-blooming, distinctive.
Each, 50c

Miss Dorothy Oliver—Pale primrose yellow; long narrow petals; fine form; beautiful and attractive.
Each, 50c

Variegated and Shaded
Alpha—White ground, striped and splashed bright crimson a vigorous grower, very free, fine garden variety.
Price, each, 25c

Aschenbrod—Orange pink, distinct coloring; of great beauty of form, vigorous, free-flowering; one of the finest ever produced.
Each, 40c

Antelope—Rich yellow; bronze red shading.
Each, 40c

Aurora—Considered the grandest Dahlia ever grown. We are inclined to this belief after personal observation during the past season. Color almost indescribable, shading through tints of pink, amber, rose and cream; a model flower of perfect form, and splendid habit of growth.
Each, 50c

Stern—Odd and beautiful; star shaped; pure lemon-yellow flower; vigorous; good for garden or cut flowers.
Each, 50c

Mrs. Chas. Turner—Bright lemon; finest of its color.
Each, 20c

Prince of Yellow—Splendid lemon-yellow, free-blooming, finely formed flower.
Each, 25c

Prof. Zacharis—Beautiful clear bright yellow; profuse bloomer; good garden sort.
Each, 25c

Comet—Extra large, silvery rose, marked crimson, a very free bloomer, of good habit.
Each, 25c

Country Girl—Lovely bright yellow, flaked sparingly with plum color; petals also penciled plum; long stems, erect, free blooming; an attractive Dahlia; 4 ft.
Each, 50c

Effective—Chamois rose, yellow shadings.
Each, 25c

Innovation—Bright red, white tips.
Each, 15c

Mrs. Spencer Castle—A rare and distinctive type of cactus, suggestive of a water lily; color rosy amber, passing to lilac rose at base.
Each, 25c

Papagei—Yellow and rosy red, lemon tips.
Each, 35c

Reliable—A blending of yellow, brick red and salmon; truly a grand flower.
Each, 25c

Decorative, Show and Fancy Dahlias

Decorative

Dr. Gates—Beautiful shell-pink; good for cut flowers.
Each, 25c

Estelle—Blush to dark pink, red markings.
Each, 25c

Florence—A beautiful shade of orange yellow; flowers of fine shape; a free and constant bloomer; good keeper.
Each 25c

Jeanne Charmet—A dainty exquisite pink, margined pale yellow, shading to pure white at center, large, fine, full form, erect, long stems, one of the best of the new decoratives.
Price, each, 50c

Kaiserin Augusta Victoria—Magnificent white flowers, of immense size and perfect form, borne erect on long stems high above foliage, blooms freely until cut down by frost, invaluable for landscape or large plantings.
Price, each, 50c

Lavender Queen—Clear, soft lavender; petals deeply serrated.
15c

Mrs. Winters—Snow white, large beautiful form.
Each, 20c

Miss Frances Fell—Decorative; white, lilac shading.
Each, 20c

Navajo—Rich, velvety red; splendid sort.
Each 25c

Opal Queen—A rare, new color; the same as the stone of that name.
Each, 20c

Sacajawea—Orange, shaded red. A fine large, bold flower; very effective and pretty; excellent bloomer.
Each, 25c

Sylvia—Splendid pink; floriferous; keeps well.
Each, 15c

Souvenir de Gustave Doazon—(Decorative.) The largest Dahlia to date; often growing 9 inches in diameter; constant bloomer, magnificent rich scarlet color; the greatest of all Dahlias.
Each, 40c

DECORATIVE, SHOW AND FANCY DAHLIAS—Continued

Quilled Varieties

A. D. Livoni —This grand old variety still remains the best pink of its type	15c
Grand Duke Alexis —Finest large white	15c
Lucy Fawcett —Sulphur-yellow, flaked crimson	15c
Thos. Pendred —Finest and largest of the pure yellows, a rich soft shade of golden yellow, perfect form, blooms freely and continuously even in driest weather.	Each, 35c

Pom-Pons

These are pretty little globe shaped flowers, on long stems, high above the dwarf foliage, fine for border, keep well when cut.	
Catherine —Purest yellow; large	20c
Darkest of All —Darkest pom-pom; perfect flowers	20c
Nerissa —Soft pink, silvery tint; a beautiful new color	25c

CANNAS

We are extensive growers of Cannas, and the following sorts are newer and better types that will give best results in our climate. Cannas require a rich, moist soil and should not be planted until all danger of frost is past. They are quick growers and the new flowering sorts bloom continuously until frost.

Inexpensive, luxuriant; these charming ornamental plants produce rich tropical effects that cannot be excelled, and the grand new varieties now offered are equally valuable for the beauty of their bloom.

Let us know your requirements. We can supply the correct variety.

Prices: Except where noted, bulbs or plants, in season, each, 20c.; dozen, \$2.00, prepaid.

Allemania—Light green, compact foliage, orchid type of flowers, bright golden-lemon center marked and spotted terra cotta; height 4 to 5 feet; splendid new variety.

Each, 25c; doz., \$2.50

Black Beauty—Large leaf, deep green with brownish tint, vigorous dense foliage; flower spikes long; color a distinct deep shade of scarlet; height 6 feet.

Burbank—Orchid-flowering type, with light green foliage of compact habit; flower bright lemon with deeper eye; height, 3 feet.

Chas. Henderson—Green foliage, one of the finest bedding varieties of compact, vigorous growth and a free bloomer; color, a deep, rich crimson; 4 to 5 feet.

Each, 20c; 3 for 50c; 12 for \$1.60

David Harum—Foliage dark, glossy bronze; flowers, large, orange-scarlet; very free-blooming, height 3 to 3½ feet.

Mrs. Kate Gray—Foliage green; flowers very large; rich orange-scarlet, marbled with red, yellow in the throat; 5 to 6 feet.

Musafolia—This is the finest foliage Canna yet seen; has enormous Musa-like leaves, 2x5 feet, of a dark green. Attains a height of eight feet, beautiful and symmetrical at every stage of growth.

Papa Nordy—Splendid new Canna with magnificent heads of broad, round-petaled flowers; a bright carmine-rose; height, 4 to 5 feet.

Price, each, 25c; doz., \$2.50

Red Cross—One of the finest Cannas; magnificent rich, dark-brown foliage, of massive sturdy habit; flowers a brilliant glowing orange-red. Height, 3 to 4 feet.

Eldorado—True bright yellow, faintly spotted light, red; light green foliage. The best yellow Canna; 3 to 4 feet.

King Humbert—In this grand new orchid-flowered Italian Canna we have a combination of the highest type of flower with the finest bronze foliage. Its mammoth flowers, in heavy trusses, are a brilliant orange-scarlet, with bright red markings; foliage is broad and massive and of a rich coppery bronze with brownish green markings; bold and effective; has no equal; 5 to 6 feet.

Louisiana—A strong, vigorous grower, producing a dense mass of glossy green foliage and vivid orange-scarlet flowers of mammoth size; orchid type; height, 4 to 5 feet.

Louise—The nearest approach to a true pink—a rare color in Cannas; a very vigorous, constant bloomer with light green dense foliage; height, 4 feet.

Souv. de Antoine Crozy—A splendid Canna of a rich crimson-scarlet, bordered widely with golden yellow; very brilliant and attractive; height, 3½ feet.

Wyoming—A grand orchid-flowering Canna, with deep bronze foliage and immense golden-orange flowers, suffused with a blush of crimson; height, 4 to 5 feet.

Price, each 25c; doz., \$2.50

Pennsylvania—One of the finest orchid-flowering, color a deep rich scarlet; very free bloomer; spikes enormous; foliage dense, large, deep green; height, 5 to 6 feet.

Price, each, 25c; doz., \$2.50

GLADIOLI

Of the simplest culture, thriving in any soil, these splendid flowers come at a season when most welcome, and the marvelous beauty of the newer varieties makes them particularly desirable. If you have not seen the newer colors and types, take advantage of this opportunity and order the choice collection listed here. It's a profitable investment.

Plant any time from February to June.

We have grown this entire collection and know they will please and surprise you. Try them.

Attraction—Deep crimson, white center.

America—Exquisite shade of pink lavender.

Canary Bird—Pure canary yellow.

Klondyke—Light yellow, crimson maroon blotch.

Octoroon—Beautiful salmon pink.

Sunlight—Light crimson, canary throat, mottled velvety maroon.

Superb—Enormous pink, flaked and striped salmon.

Reine Blanche—Pure white, dark carmine blotch.

Two Finest

Price 25c; doz., \$2.50

Blue Jay—Indigo, only real blue.

Blanche—Pure snow white.

For complete list of newest Cannas and Gladioli see our 1911 Seed Annual

Gladioli Hybrids

Large Bulbs	10c Each; \$1.00 Dozen
Second size	8c Each; 75c Dozen, postpaid

Gladioli Lemoinei—These have odd and fantastic markings; brilliant and showy colors, mostly light shades.

Gladioli, Groff's Hybrids—A mixture of Hybrids of all sorts, giving in one bed the greatest range of colors and variations.

Gladioli Childsi—Of grand size and color, very showy, containing a large per cent of red and dark shades.

Gladioli, Fine Mixed—This mixture will produce a large variety of flowers at a little expense; unequalled for the price.

Large Bulbs	2 for 15c; 75c per Dozen
Second size	50c per Dozen, Postpaid

Hardy Perennial Garden Plants

Are valuable and most desirable. They die down only to the roots during the winter, continuing to grow and bloom year after year with little care, increasing in beauty as they acquire age.

Price, 15c each; Large Clumps, 35c each.

English Primroses—Finest sorts, from pure yellow to deepest crimson-maroon; early, low-growing, fragrant.

Gaillardia, Grandiflora—Splendid large flowers; combination coloring of yellow, brown, crimson, orange; height 2 feet; bloom until frost; fine for cut flowers; hardy everywhere.

Helianthus, Soleil D'Or—Graceful golden yellow flowers; petals quilled; always in bloom.

Coreopsis, Golden Sunbeams—Beautiful golden-yellow flowers on long stems; always in bloom; fine for cutting.

Hollyhocks—One of our finest garden plants.

Double and Single—White to deep maroon; extra fine strains.

Poppy, Oriental—Immense rich orange scarlet flowers.

Poppy, Iceland—Beautiful dwarf-growing, continual producer of lovely cup-shaped flowers; yellow, orange and white.

Rudbeckia, Golden Glow—Bears in greatest profusion immense, double blooms, large as Dahlias, of the brightest golden yellow; hardy everywhere.

Shasta Daisy, Alaska—This new "Shasta" is covered with immense fluffy white blooms, with golden eyes, from July until late fall; long stems; fine for cutting; one of our best hardy border plants.

Perennial Phlox

Hardy as an oak, increasing in beauty each year, few things are as beautiful and satisfactory. The marvelous new colors, beautiful foliage and easy culture, make this choice flower one of the most desirable. We offer the following fine collection which we have grown:

Beranger White with pink eye; dwarf.

Bacchante Rose with crimson eye; tall.

Clara Benz Rose with deeper eye; dwarf.

Caran d'Ache Red, rose shading, white eye, medium.

Eclaireur Rose with lighter halo; tall.

Price, Strong Flowering Roots, each, 15c; doz., \$1.50

La Vogue Pure mauve, red eye; medium.

Pacha Deep pink with red and carmine purple eye; dwarf.

R. P. Struthers Rose carmine, red eye; tall.

Miss Lingard Fine early white; tall.

Geo. A. Strohlein Bright scarlet, red eye; medium.

POPULAR BEDDING PLANTS

During the months of April and May we have thousands of the following hardy bedding plants, price per dozen by express at buyer's expense:

Alyssum	\$.35	Daisies	\$.50	Lobelia	\$.35	Phlox	\$.50
Asters .....	.25	Forget-Me-Not ..	1.00	Marigold .....	.50	Salvia .....	.50
Balsam .....	.50	Geraniums	1.00	Mignonette .....	.50	Stocks .....	.35
Carnations .....	.50	Heliotrope	1.00	Pentzia .....	.50	Pansies .....	.50
Cosmos .....	.35	Hollyhock	1.00	Verbena .....	.50		

* Description of these flowers, see Flower Seed Department. If wanted by mail, add 25c per dozen if it does not require this amount, we will put in extra plants.

Bleeding Heart

Spectabilis—One of the most ornamental of hardy spring flowering plants, with elegant, green foliage and long, drooping racemes of heart-shaped flowers. This is deemed one of the finest of all hardy garden plants.

Strong Roots, Each, 30c, postpaid

New White Bleeding Heart

Direct from Holland.

Spectabilis Alba—A splendid novelty for conservatory or cool greenhouse. If planted outside, must be placed in a sheltered position. A pure white, free-blooming, beautiful variety of great value. We have grown this in the open with splendid results. Try it.

Strong Roots Each, 50c; postpaid

Caladiums

Esculentum—(Elephant's Ear) Grand tropical looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. In deep, rich soil, if freely watered, they produce enormous leaves, frequently four feet long by three feet wide. Plant in the spring. Height, 4 to 5 feet.

Each, 25c; doz., \$2.00

Tritoma

Pfitzerii

Everblooming Flame Flower or Red Hot Poker

This new sort is of a rich orange scarlet, blooming from mid-summer to latest fall; spikes 3 to 4 feet high; one of the very best of this useful class, which is hardy with slight protection, but winter best if lifted and stored in sand. These hardy perennials are unsurpassed as border plants or for mass effects.

Strong flowering roots 25c; doz. \$2.50, prepaid

Yucca

Spanish Bayonet or Adam's Needle—Has a fine appearance; the stems grow two to three feet above the ground; covered with large, bell-shaped flowers on laterals, forming a perfect pyramid; valuable for rockwork.

Filamentosa—Thread leaved, creamy white; July. Plants, 2 feet, each, 75c to \$1.00

NOTE—Plant Eremurus where there



Dielytra (Bleeding Heart)

Eremurus

Himalaicus—A rare and noble bulbous plant from the Himalayan Mountains, grows 4 to 8 feet high, bearing racemes 2 feet long, of lovely pure white flowers as large as a half dollar. Plant about 8 inches deep and protect the young shoots which start early, a few inches of leaves or some light mulching will keep frost from injuring the tips.

Price, strong flowering roots,

Each 75c; dozen, \$7.50

Robustus—A fine variety from Turkestan, and one of the best plants for the permanent, hardy border, prefers a deep, sandy loam in sunny situation, enriched with well rotted cow manure. This variety produces giant flower stems 6 to 10 feet high, bearing dense racemes of large flesh pink flowers.

Strong flowering roots, each \$1.00; dozen, \$10.00

Pampas Grass

A noble ornamental grass, easily grown, producing long, pointed leaves and majestic, silvery white plumes, which are very valuable for winter decoration; grows 6 to 8 feet high.

Strong roots, each, 60c to 75c

Large specimen plants, \$2.00 to \$5.00
is some shelter from heavy winds.



NEW GIANT PANSIES

Our Giant Pansy Plants are in a class of their own and cannot be compared to any other Pansies, no matter where grown. We know that their equal is not produced in this or any other country. A trial basket will convince you. They are the best value ever offered in a bedding plant.

Each, 5c; per dozen, 50c; by mail, 75c dozen.

Specimen Plants in Bloom

From March until June we have Pansy plants in full bloom—none finer in the world. Put up one dozen in a basket. Price, 60c to \$1.00 per basket by express, buyer to pay charges. You will not be disappointed in these.

ROSES

OUR Oregon climate and soils being ideal for the perfect development of Roses, give us opportunities and advantages for their production and selection not possible to dealers in less favored sections, and nowhere can you secure finer stock or a more select list. We offer only the best of the standard varieties and the newer sorts that have been tested in field trials. You will find them true to name and as represented. Many of the prize-winning roses at the Portland Rose Shows are grown from our stocks, and we number among our customers the most successful rosarians in the Northwest. If you entrust your rose order to us you can feel assured that there will be careful selection and **no substitution**. If you do not find what you want in this catalog, write us. We can supply many varieties not listed.

In our favored section Roses attain a perfection not possible elsewhere, but you cannot expect them to thrive and bloom unless you care for them. We offer the following simple suggestions:

Soil—Any good, well-drained garden soil enriched with fertilizer will give excellent results. If heavy clay soil mulch well with burnt earth and manure, rotted soil, or leaf mold.

Watering—When setting out, water regularly until roots are well set; then about once a week unless the ground be very dry; in such cases more often. Do not get the foliage wet after a hot day. This causes mildew.

When planting, cut back freely, and the bush will recover quickly.

Fertilizer—Our odorless commercial fertilizer, Bone Meal, Tankage or Blood will give excellent results, and should always be applied after the plant starts its growth.

Finally—Keep the surface well worked around the roots. This is as necessary as water or fertilizer.

Shipping

We always send all our two-year-old rose bushes **charges collect** by express or freight, packing them so they will ship safely, even though they should be on the road for two weeks or more.

If necessary, we can send small two-year-old bushels by mail at an additional cost of 7c each to cover postage, but in such cases we always prune the tops and roots ready for planting.

Abbreviations

Following the name of each sort will be noted an abbreviation denoting the class to which the variety belongs. By observing these and reading the following descriptions of such abbreviations any one may intelligently make selections for all sections and to suit any purpose:
H. P.—**Hybrid Perpetual**—The hardiest of all roses; vigorous in growth and easy of culture, producing large flowers, fine in form and fragrance.
T.—**Tea**—One of the best classes of roses, and truly ever blooming. They are hardy in this section, frequently wintering without any protection, although during our coldest weather and in cold sections they should be protected with a covering of fir boughs, straw or burlap.
H. T.—**Hybrid Tea**—Most of these are as free flowering and as constant bloomers as the teas, and are harder, but, as a rule, not so hardy as the H. P.s.



FLORENCE
PEMBERTON

Rare and Beautiful Roses Of Recent Introduction

Many of these rare new Roses were imported at great expense, especially for Rosarians, who will recognize them as the Gold Medal Roses of the recent exhibitions. They are two-year plants from the leading English and Continental growers, and if you want the latest in Roses, or care to win first in the showroom, don't overlook this opportunity, but order at once, as supply is limited and cannot be replenished.

AVOCA (H. T.)—Crimson scarlet long-pointed bud; large flowers, sweetly perfumed; free blooming; vigorous; should be cut back. Gold medal N. R. S.

Price, 75c

CHATEAU DE CLOS VOUGEOT (H. T.)—Deep velvety scarlet, shaded fiery red; darkens as it fully expands; vigorous, handsome foliage; a splendid rose, one of the best colored of the darker reds.

Price, \$1.00

DUCHESS OF PORTLAND (H. T.)—One of the best Dickson introductions; a lovely pale yellow with thick leathery petals, full and perfect form; hardy, robust rose blooming earlier and more freely than "Kaisserin"; long stems; lovely in bud or flower, and a good keeper. Gold medal N. R. S.

Price, 60c

FLORENCE EDITH COULTHWAITE (H. T.)—Color Cream stippled bright rose inside of petals, the same general effect reflected on back, producing glowing suffusion of delicate orange and peach, a different coloring from any other rose. Flowers large, full imbricated; petals smooth and circular, of good substance, foliage deep glossy green, scented. Free flowering, one of the best Dickson introductions. We have a limited number of choice plants for early spring delivery.

Each, \$2.00

FRIEDRICHSERUH (T.)—Blood-red, large, full, of perfect form, and flowers continuously; excellent habit of growth. Awarded gold medal at Dusseldorf. A valuable addition to the tea section.

Price, \$1.00

IRISH ELEGANCE—Large single golden bronze flowers of great beauty, free and constant bloomer, with deep bronze foliage, making a most handsome and unique combination that for garden decoration cannot be excelled. Awarded gold medal N. R. S.

Each, 50c

ROSARIANS who desire the 1910 novelties should send in their list of selections at once. We can often furnish a few, but the supply is never sufficient to catalog.

RARE AND BEAUTIFUL ROSES—Continued

IRISH HARMONY—Single, saffron yellow, heavily crayoned claret in bud, when expanded changes to creamy white; large, lasting, floriferous; a vigorous grower, and good companion for Irish Elegance. Price, 75c

JEAN NOTE (H. T.)—Lovely chrome yellow, passing to pale cream yellow; very large well-filled flowers, vigorous and free blooming. Will become a great favorite, as it is a valuable exhibition rose. Price, \$1.00

LADY ROBERTS (T.)—Rich apricot, base of petals coppery red, edges of petals shaded orange, bud long and pointed; very beautiful. Gold medal N. R. S. Be sure to order Lady Roberts.

Price, 75c

LYON (Pernetiana)—The Lyon is a beautiful shrimp pink with salmon and chrome yellow shadings. Large coral red buds beautifully formed; full globular flowers of rare beauty; a continuous and free bloomer. Lyon is the "perfect rose," only one scoring 100 points. Gold medal and special certificate awards. Price, \$1.00

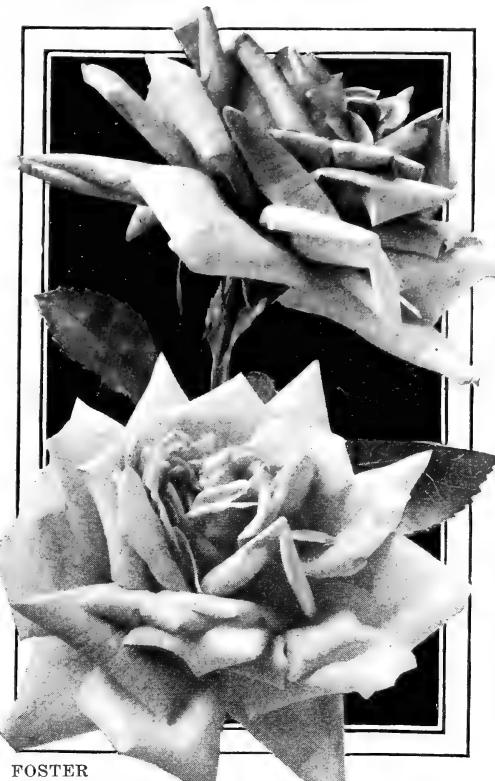
MADAME MELAINE SOUPERT (H. T.)—Splendid new orange yellow shaded pink; beautiful long-pointed buds, large size, free blooming; a strong, upright grower; best of its color. Each, 75c

MARQUISE DE SINETY (H. T.)—Golden orange shading to fiery red, large double flowers, of good form, very beautiful and attractive. A splendid garden rose for summer blooming; vigorous and hardy. One of the grandest of the new roses. Price, \$1.00

MRS. AARON WARD (H. T.)—Color a shade of Indian yellow washed with salmon rose; large size, cup-shaped, very full and very floriferous. Long beautiful buds, petals reflexed. Fine bronze foliage, very hardy and vigorous. Price, 75c

MRS. ARTHUR ROBERT WADDELL (H. T.)—Salmon red with reverse of petals pomegranate red. Plant exceedingly vigorous with deep green foliage. Considered by experts to be one of the best roses ever introduced. Price, 75c

MRS. EDWARD MAWLEY (T.)—Beautiful silvery pink, with creamy yellow suffusion at base of petals; a magnificent rose of finest form, extra long pointed buds; petals of great substance, beautifully reflexed; buds solid, flowers full; free-blooming, vigorous grower, and good keeper; a gold medal rose of distinctive form and great value. (See cut.) Price, 60c



FOSTER
ROSE TUBES
PAGE 39

LYON

MY MARYLAND (H. T.)—Beautiful bright pink, with paler edges; delightfully fragrant; robust grower and very free flowering; flowers full and good keeper. This is the most popular rose novelty of the day, and best pink of its color; specially fine for florists, as well as being one of the grandest garden roses. Price \$1.00

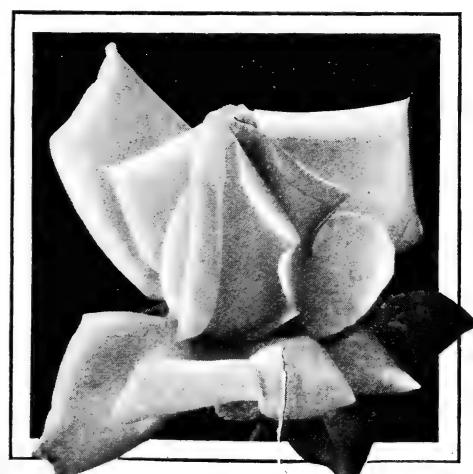
NOVA ZEMBLA (Rugosa)—Pure white, full, beautiful form; sweetly scented; very vigorous, rapid grower; sport from Conrad F. Meyer; commended as a great acquisition by no less an authority than Alexander Dickson. Give Nova Zembla a trial. The best new white. Price, 75c

PRINCESS MARIE MERTSCHERSKEY (H. T.)—A dainty shell pink, suffused with rosy carmine; perfect buds, fine long stems, full flowers of good form; a splendid garden rose and one of the best pinks for florists. Princess Marie is a real gem, and will please you. Price 75c

RHEA REID (H. P.)—A new American rose which can best be described as being as red as a "Richmond," as large as an "American Beauty," with the fragrance of "La France," and blooms continuously, flowers being borne on long stems; very hardy and vigorous. Gold medal Paris, 1908. Price, 75c

WM. SHEAN (H. T.)—Pure bright pink, veined with ochre, large perfect form, pointed bud, of fine substance and a grand exhibition rose. Gold medal N. R. S. Each, 75c

ROSE EXHIBITORS ATTENTION.—Foster Rose Tubes for Displaying and Preserving Your Exhibition blooms, at Special Price of 30c each; \$3.00 per doz.



MRS. EDWARD MAWLEY

GRAND NEW GARDEN ROSES

Everblooming

Large Two-year Field Grown Plants: 40c Roses, \$4.00 doz.; 50c Roses, \$5.00 doz.; 60c Roses, \$6.00 doz.

ALICE ROOSEVELT (H. T.)—A deep rose pink, petals gracefully reflexed, showing silvery rose; fine form, good substance; a vigorous, free-blooming garden rose of real merit; sport of that grand rose Mad. Abel Chatenay. **Each, 40c**

AARDS PILLAR (H. T.)—Rich velvety crimson; fine large full flower, cupped form; a hardy, free-blooming, free-growing garden rose, of finest quality. **Each, 60c**

BETTY (H. T.)—A very popular new rose of rare new shades of ruddy gold, suffused with golden yellow; blooms of enormous size; delicious perfume; large petals of good substance; foliage massive and beautiful; a true everblooming hardy rose. **Each, 50c**

CONRAD F. MEYER (Rugosa)—Beautiful silvery pink, of grand form and delicious fragrance, hardy in any climate, and the great beauty of its handsome foliage makes it most valuable for a flowering hedge. **Each, 40c**

COUNTESS OF GOSFORD (H. T.)—Clear salmon pink, base of petals shading to saffron yellow, very vigorous; perpetual bloomer; a grand bedding variety. **Each, 60c**

DEAN HOLE (H. T.)—Beautiful silvery carmine, shaded bright golden pink; grand flowers of great substance, perfect in form; vigorous, free branching habit; continuous bloomer; one of the best exhibition roses. Gold medal N. R. S. **Each, 60c**

FLORENCE PEMBERTON (H. T.)—Creamy white, suffused pink. Flowers very large and full of perfect form and wonderful substance. Without doubt one of the finest roses it has yet been our pleasure to offer. **Each, 50c**

FRANZ DEEGAN (H. T.)—A splendid garden rose of unusual beauty and form; strong, healthy grower. The buds are long and pointed. The open flower is broad and full, rarely showing the center. Color, yellow; bright and pleasing. **Each, 50c**

FRANZ KARL DRUSCHKI (H. T.)—The White American Beauty. Makes splendid buds and immense flowers; perfectly double and delightfully fragrant; large, thick petals; bright, shining green leaves, elegantly veined; a healthy, vigorous grower; and a constant and abundant bloomer. **Each, 40c**

GENERAL McARTHUR (H. T.)—Dazzling crimson scarlet, a grand American rose of ideal form, delicious perfume and magnificent foliage. Blooms continuously in great profusion, the grandest red rose for garden or cutting. **Each, 50c**

HUGH DICKSON (H. T.)—Glowing crimson, shaded scarlet; large, full, perfectly formed, delightful perfume, strong grower, perpetual bloomer (should be cut back freely). After careful comparative tests, we believe Hugh Dickson is the best hardy red garden rose to date. See cut on cover. **Extra large select stock, each, 50c**

HON. INA BINGHAM (H. T.)—Beautiful shade of bright pink, distinct in form and color, of good substance, highly perfumed; a hardy robust garden rose. **Each, 50c**

J. B. CLARK (H. T.)—One of the finest of the new roses. Its glorious flowers are intense scarlet, shaded blackish crimson, of giant size, finely formed and fragrant; growth vigorous and upright. **Each, 50c**

KILLARNEY (H. T.)—Color, an exquisite shade of deep shell-pink lightened with silvery-pink. Buds are exceptionally long and beautifully formed; delicate tea rose fragrance. **Each, 50c**

LADY ASHTOWN (H. T.)—One of the finest pinks, of a rich, deep, silvery tone; flowers large, perfect form; free blooming; vigorous; Lady Ashtown is one of the finest roses grown. **Each, 60c**

LADY BATTERSEA (H. T.)—This variety has long, oval buds, sharply pointed, very striking in form. The color is a bright, cherry crimson; an unusually showy variety. **Each, 40c**

LA DETROIT—A beautiful shell-pink shading in the center to a soft rose-pink. Reverse of outer petals creamy-flesh tint, strong, healthy grower; prolific bloomer; delightful tea fragrance. **Each, 50c**

MISS KATE MOULTON (H. T.)—A lovely shell-pink; reverse of petals deeper; finest form, good both in bud and open; a splendid bedding rose; improvement over La France; foliage is vigorous and beautiful. **Each, 50c**

MRS. R. G. SHARMAN CRAWFORD (H. P.)—Lovely deep rose pink, outer petals shaded pale flesh, base white, a new and unique shade. Large perfect flowers, free blooming; a grand autumn rose. **Each, 50c**

MILDRED GRANT (H. P.)—Delicate pale pink, shading to silvery white in center; grand giant variety of rare beauty; perfectly formed, pointed buds; full flowers of fine substance; a hardy, strong grower. **Each, 50c**

PERLE VON GODESBERG (H. T.)—A sport from Kaiserin A. Victoria; deeper in color, of great beauty of form, delightful, sweet perfume, heavy petals, beautifully reflexed; good keeper and free bloomer. **Each, 50c**

PRINCE DE BULGARIE (H. T.)—A deep rosy-flesh, salmon center; large, full, free-blooming, vigorous rose, easily maintains its great popularity, and is the best of its color. **Each, 50c**

RICHMOND (H. T.)—The most vivid of everblooming red roses; buds and flowers of the most perfect and desirable form. The best of its color. **Each, 50c**

SOLEIL D'OR (Pern.)—(Golden Sun)—The first of a new type and from which the wonderful Lyon Rose was developed. A perpetual bloomer, robust grower, brownish wood, foliage beautiful, bright green and scented. Flowers very double, most beautiful when full blown, a superb color, varying from gold and orange yellow to reddish gold and shaded with nasturtium red. Delightfully fragrant. **Each, 50c**

SOUV. DE CATHERINE GUILLOT (T.)—Orange red, tinted coppery carmine on deep gold; a rare color; buds of perfect form, large, full, fragrant; a vigorous, free bloomer; fine exhibition sort. **Each, 40c**

WINNIE DAVIS (H. T.)—One of the most beautiful of our light pink roses; lovely bright clear color; splendid form; a grand, hardy garden sort. **Each, 50c**



PERLE VON GODESBERG

Finest Hardy Garden Roses

Prices, each, 35c; \$3.00 per dozen, unless otherwise marked.

ADMIRAL DEWEY—The ground color is a light flesh tint, almost white, suffused blush, deepening to a rosy blush in the center. A large, full rose, with broad, heavy petals.

AMERICAN BEAUTY—One of the largest, sweetest and best. Color, rich, rosy crimson, shaded and veined in the most charming manner.

ANNA OLIVIER (T.)—A splendid ever bloomer. Very beautiful in bud; flesh color shading to blush. Large and fragrant. Each, 40c

ANNA DE DIESBACH—Beautiful, clear, carmine pink; very large, full and delightfully fragrant.

BABY RAMBLEER—A Dwarf Crimson Rambler not over 18 inches high, producing large trusses of light crimson flowers; clean dark green foliage; it will flower the year around.

BARONESS ROTHSCHILD (H. P.)—Flowers of immense size; color bright, rosy pink.

BELLE SIEBRECHT—A true, solid pink of the richest shade, a rare color. The flowers are sweetly perfumed and large, beautifully formed, of long, tapering shape, with high center.

BESSIE BROWN—Color, pure white, sometimes faintly flushed pink.

BRIDESMAID—A fine, clear, dark pink color.

CECILE BRUNNER—Bright rose, yellowish in center; very sweet; dwarf polyanthus.

COQUETTE DE LYON (T.)—Lovely canary yellow; blooms quickly and profusely the whole season.

ETOILE DE FRANCE—This new crimson rose is of vigorous, healthy growth; color rich, glowing crimson, shaded with vermillion.

ETOILLE DE LYON (T.)—Blooms freely, and every flower is a gem, equaling the Marechal Neil in size. Very sweet scented; color, rich golden yellow.

GENERAL JACQUEMINOT—Bright, shining crimson; very rich and velvety.

GLOIRE LYONNAISE—Color, chamois yellow, deepest at the center, passing to creamy white.

GOLDEN GATE—Creamy white, center and base of petals soft golden yellow, exquisitely bordered with clear rose; buds long and pointed.

VIRGINIA R. COXE or GRUS AN TEPLITZ—Color fiery crimson, with a dark velvety sheen.

IVORY—This beautiful rose is exactly like the well-known Golden Gate, except in color. It is an excellent free bloomer; a clear ivory white.

KAISERIN AUG. VICTORIA—A beautiful rose with elegant, large pointed buds; delicate creamy white; deliciously fragrant; constant bloomer.

LA FRANCE—Both flowers and buds are of grand size; color, a silvery rose changing to pink.

LIBERTY (H. T.)—Color, rich, fiery ruby, shaded deep crimson; fragrance exquisite.

MRS. JOHN LAING—Very free flowering; color, a soft delicate pink, with satiny tinge.

MABEL MORRISON (H. P.)—Of the purest white; velvety in its appearance; petals thick and shell-shaped; very double and rounded.

MADAME ABEL CHATENAY—A free bloomer, beautiful rosy carmine, with darker shadings.

MADAME CAROLINE TESTOUT—A grand rose of the La France type, but with flowers larger and finer. Color, bright-satiny pink; very fragrant and free in bloom. The official Portland "Carnival Rose."

MADAME FRANCISCA KRUGER—Beautiful coppery yellow, deeply shaded.

MADAME DE WATTEVILLE (T.)—The "Tulip Rose"; creamy white with feathery shading of rose around the edge of the petals.

MADAME HOSTE (T.)—Creamy yellow with deep buff yellow center; very large and delicately sweet; a constant and profuse bloomer.

MADAME JULES GROLEZ—A rampant grower, with very large full flowers of a magnificent satin rose color extra fine.

MADAME WELCHE (T.)—Flowers have great depth and substance; globular form. Color, a beautiful shade of soft amber-yellow, deepening toward the center to orange or coppery-yellow.

MAMAN COCHET—This is one of the most beautiful new Tea roses we list. The color is a deep rosy pink, inner side of petals silvery rose.

MARGARET DICKSON—Magnificent form; white, with pale flesh center; petals very large.

MARIE VAN HOUTTE—Of a fine, faultless straw-yellow color; washed and outlined rosy carmine.

NIPHETOS (T.)—Large, graceful buds of snow white.

PAPA GONTIER—Large and semi-double; a vivid cherry red color, shaded yellow, reverse of petals crimson.

PAUL NEYRON—Deep, shining rose, double and handsomely formed; blooms freely, the largest variety in existence.

PERLE DES JARDINS—A clear golden yellow, an indescribable rich and beautiful shade.

PRINCE CAMILLE DE ROHAN—Very dark, rich velvety crimson, passing to intense maroon.

RAINBOW—Buds and flowers of large size, color a beautiful shade of deep pink, distinctly striped and mottled with brilliant crimson.

SAFRANO—Bright apricot yellow, tinged orange.

SOUV. DE PIERRE NOTTING—The bloom is very large, perfectly full, of elegant form; has a beautiful long bud; color, orange yellow, bordered in carmine-rose; vigorous, beautiful dark foliage.

SOUV. DE PRESIDENT CARNOT—This is a rose of extraordinary beauty, is elegantly formed, very large, full and deep and deliciously sweet. The color a lovely shell-pink, delicately tinted with golden fawn on rich creamy white.

SUNSET (T.)—A rich golden amber of elegant form and delightful fragrance, large perfect buds.

THE BRIDE—One of the finest white roses. The buds are very large and of exquisite form.

ULRICH BRUNNER—Extra large, bold flowers, full and globular; color rich, glowing crimson.

VISCOUNTESS FOLKSTONE—Flowers borne on strong stems, with thick foliage; color, delicately tinted flesh, almost white.

WHITE LA FRANCE—A pure white La France, having just a breath of rose-tinted blush.

WHITE MAMAN COCHET—White, grand substance, immense size, exquisitely fragrant, and a free bloomer; buds long and pointed.

CLIMBING ROSES

PRICES EXCEPT WHERE NOTED

Each 35 Cents
Dozen \$3.00

All Strong Two-year Field-grown Roses

CHROMATELLA (CLOTH OF GOLD) (C. T.)—A clear, golden yellow, large, very full and double.

CAROLINE GOODRICH (CLIMBING JACQUEMINOT) (C. N.)—Free flowering crimson climber.

CLIMBING BELLE SIEBRECHT (C. H. T.)—Flowers identical with bush type; vigorous climber; hardy. Each, 50c

CLIMBING BRIDESMAID (T.)—Beautiful pink; profuse bloomer.

CLIMBING KAISERIN (MRS. ROBT. PEARY)—Flowers fine, ivory white, of heavy texture, and large size.

CLIMBING LA FRANCE—Identical with the well-known La France; vigorous climber.

CLIMBING MADAME CAROLINE TESTOUT—Covered during the whole season with immense globular flowers of the same beautiful shade of pink as seen in the bush sort.

CLIMBING METEOR—Rapid grower; rich, dark, velvety crimson flowers.

CLIMBING PAPA GONTIER (T.)—A "Native Sport" from the favorite bush Papa Gontier.

CLIMBING PERLE DES JARDINS—Of vigorous climbing habit; flowers golden yellow, of immense size.

CLIMBING WOOTTON—Strong, rapid grower, throwing long, thick canes, bearing large clusters of true Woottons.

DOROTHY PERKINS—Polyanthus type; color a beautiful bright shell pink; flowers large, very double; petals prettily crinkled; blooms in large clusters of 30 to 40; remain in perfect condition for a long time.

DUCHESS D'AUERSTADT—Same type as Marechal Neil, a little deeper in color and much more hardy; a splendid yellow climber.

GLOIRE DE DIJON—Noted for the great size of its flowers, its delicate tea scent, and its shades of color, being a blending of amber, carmine and cream.

LA MARQUE—Flowers of good size, borne in large clusters; color, pure white.

MADAM ALFRED CARRIERE—Extra large, full flowers, very double and sweet, and a most profuse and persistent bloomer; color, rich, creamy white, faintly tinged pale yellow and blush.

MARECHAL NEIL—A magnificent deep golden yellow variety; so famous as to need no description; grown the world over for its immense yellow flowers; the finest rose of its color in existence.

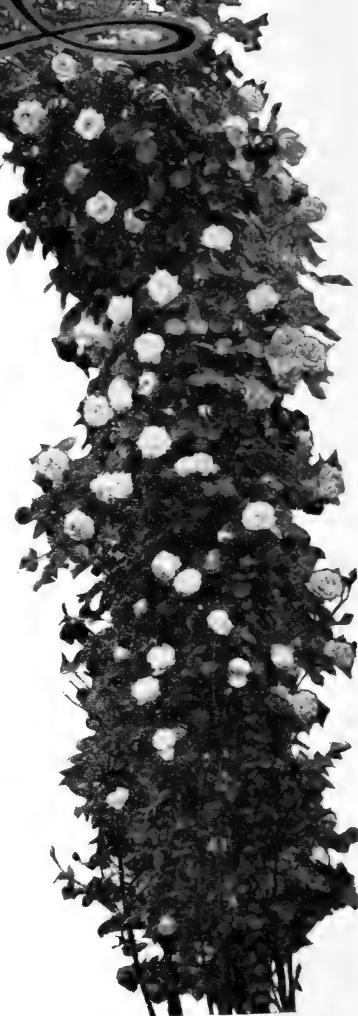
REINE MARIE HENRIETTE—A strong, vigorous grower; flowers large, full, and of fine form; color, glowing crimson, elegantly shaded.

REVE D'OR (CLIMBING SAFRANO)—Color apricot yellow, with orange and fawn tints; petals of superb and delicate texture.

NEW CLIMBERS

FLOWER OF FAIRFIELD—Everblooming crimson rambler, brilliant crimson, base of petals white, flowering in great profusion perpetually throughout the season. **Flower of Fairfield** is a true, everblooming, Crimson Rambler, a splendid grower and a great improvement over the old type; strong field grown plants.

THE BLUE ROSE—This is the new rose Veilchenblau or Violet Blue that has attracted so much attention in Europe, and is the first rose of its color ever produced. **Violet Blue** is a vigorous climber of the polyanthus type, flowers medium size, semi-double, borne in large clusters; color on opening is a rosy lilac, quickly changing to a metallic blue, has splendid foliage of a rich green color that does not mildew. Choice field-grown plants now ready. Each, \$1.00. Order quickly; stock limited.



GLOIRE DE DIJON

TREE ROSES

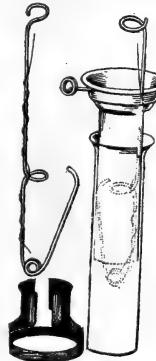
PRICES ON
TREE
ROSES,
TWO-YEAR
HEADS—
STANDARD
VARIETIES—

\$1.50 TO \$2.00 EACH

When ordering give color and for what purpose you intend planting, and we will select the variety best suited to your needs. We can supply most standard sorts, but list only the following.

BABY RAMBLER.
FRAU KARL DRUSCHKI.
GRUS AN TEPLITZ.
HUGH DICKSON.
LA FRANCE.
K. A. VICTORIA.
MADAME CAROLINE TESTOUT.
MAMAN COCHET (WHITE).
MAMAN COCHET (PINK).
MARECHAL NEIL.
PERLE DES JARDINS.
ULRICH BRUNNER.

Foster
Rose
Tubes
*For Rosanians
and Cut Flower
Exhibitors*



MADAME CAROLINE TESTOUT.

BUDDED OR
GRAFTED
ON HARDY
ROSE
STOCKS
THEY FORM
A SMALL
TREE

Very beautiful and effective either as single specimens for lawns, in rows along drives and walks, or planted for backgrounds.

Climbing varieties make artistic weeping trees.

Moss Roses

Each, 35c; dozen, \$3.00

BLANCHE MOREAU—Flowers pure white, large, sweetly perfumed; borne in clusters. Best white moss rose.

CHAPEAU DE NAPOLEON—Splendid rich red, best of its color.

CRESTED MOSS—Bright rose, light edging, well mossed.

SALET—Color, beautiful satin rose; very full and of great beauty; one of the best.

FOR SHOWING ROSES.

The Foster Exhibition tubes with adjustable clips, enables you to transfer flowers from one position to another without disturbing their arrangement. A wire holds the flower firmly in any desired position. Tubes afford an ample supply of water close to the rose.

Used at all English shows.
Price, each, 30c; doz., \$3.00

THE FAMOUS RAMBLER ROSES

Price: 1-year, 10c each; 2-year-old plants, 35c each, except where noted.

The Rambler Roses are strong, vigorous climbers, growing ten to twelve feet high in one season. They bear immense clusters of beautiful, fragrant flowers.

PHILADELPHIA RAMBLER—An improved type of the old favorite Crimson Rambler; color, deeper, more brilliant and lasting; flowers perfectly double, borne in great profusion, much earlier than the old type; vigorous, luxuriant foliage, not susceptible to mildew.

WHITE RAMBLER—Flowers pure white, sometimes faintly tinged blush, flowers borne in immense clusters; very vigorous.

YELLOW RAMBLER—Same type and growth as Crimson Rambler, except for color, which is a pure, bright yellow.

GERANIUMS

THE popular demand for Geraniums has encouraged us to provide an ideal collection of superb new varieties which we know will be appreciated by our customers. To repeat the words of a famous grower, "We believe in Geraniums." They grow beautifully throughout the entire year, making cheery house plants, and are our finest hardy bed and border plants. No other flower has a wider range of usefulness.

The new varieties we offer are of the most brilliant and distinctive coloring, fine habit of growth and free, luxurious bloomers; far outclassing the older types in every way. Be sure to try them. Price of the following finest new Geraniums:

Mailing size, each 20c; per dozen \$2.00; postpaid.

From 4-inch pots, each 35c; per dozen \$3.50; express, purchasers' expense.



MRS. E. G. HILL

New Single White—Pink and Light

Arvede Barine (Lemoine 1909)—Enormous flower in great trusses; color a clear porcelain white; free blooming.

Mad. Chapotan—Delicate light pink; large flowers of good habit, nice foliage; specially desirable as a pot plant.

Simonne Parmentier (Braunt 1908)—Distinct shade of Nankeen yellow, with white eye; abundant bloomer; compact, lovely plant.

New Double White and Light

Mad. Recamier—Lovely, snow white; the finest double white Geranium; vigorous, free flowering, with every good quality.

Pierre Vierge (Braunt 1909)—Flowers large, round, semi-double; center gold, bordered white, white eye; thick, vigorous foliage; a splendid distinctive sort.

Madeleine Lepine (Braunt 1907)—Splendid salmon-pink, outside of petals silvery rose; long stems; free blooming, very lasting, fine compact grower. Will keep for days when cut.

New Ivy-Leaved Geraniums

L'Eleganta—Flowers white, foliage margined white; fine for baskets.

Mrs. Banks—Lovely shade of blush white, feathered red; semi-double, free-blooming, long erect stems; a true ivy of great vigor; flowers throughout the season; foliage light green.

New Single Red

Belcolor (Braunt 1909)—Large rich crimson flower, immense trusses, constant bloomer, splendid habit.

Algernon Swinburne (Lemoine 1909)—Beautiful orange scarlet, large round flowers; plant is dwarf, free blooming, good.

Jean Tarbel (Braunt 1908)—Clear brilliant red, superb large flower in fine trusses, high above foliage; dwarf, very vigorous and floriferous; splendid bedding.

Eugene Sue (Lemoine 1905)—Brilliant russet orange, effective bedding, large foliage of fine texture, vigorous free bloomer, branching habit semi-dwarf, good.

Maxime Kavolevski (Lemoine 1906)—Odd shade of orange red; very distinctive splendid bedding, vigorous, handsome; a dependable sort.

Hall Caine—Brilliant orange scarlet, suffused rose; a unique and charming self color, flower of giant size; grows well, is free blooming and desirable either as bedding or pot plants; one of the finest Geraniums ever grown.

New Double Red

Hourlier Lenglet (Braunt 1909)—Brilliant vermillion red, enormous blooms semi-double, good foliage, vigorous, splendid bedding.

Jeunesse Poitevine (Braunt 1909)—Fiery salmon, a shade brighter than Beaute Poitevine; a free-blooming, vigorous plant, medium foliage, indented edge, large semi-double flowers in great trusses high above foliage; one of the best.

Habert Dys (Braunt 1909)—Compact grower, good habit, free blooming, grand flowers on long stems; color, red madder, with darker edge; round in form, perfect, semi-double; one of the best.

Dagata (Braunt)—Color a beautiful combination of mauve rose, with white blotches at base of upper petals; a distinctive and attractive flower; very free-blooming, robust and compact grower, semi-double; one of the finest Braunt introductions.

Variegated Foliage Geraniums

These make fine bedding or edging plants; are good growers, distinctive and attractive.

Mrs. Pollock—Golden yellow edge, green center, variegated orange red, chocolate zone; good grower.

Madame Languth—Pure white margin, green center, cherry-red flowers.

Silver-Leaved S. A. Nutt—Green-edged white; large flowers, brilliant crimson-scarlet; free blooming, very vigorous; one of the best.

Sophie Dumaresque—Very attractive golden tricolor, with salmon-scarlet blowers; good grower.

Pierre Crozy—Bright scarlet, compact grower; makes an excellent bedding; dwarf habit.

Caesar Franck (Lemoine 1905)—Soft rich crimson, with exquisite shading of rose at base of petals; flowers double on long stems; immense trusses of blooms, resembling Crimson Rambler Rose, only color is better; foliage clean waxy green; vigorous and rapid grower; the finest Ivy Geranium.

Standard Geraniums of Real Merit

A select list of the best of the well-known and newer sorts that have proven their worth. These will not disappoint you, and the price is very low.

Each, 10c; doz., \$1.00, postpaid

Single

Gertrude Pearson—Flowers bright pink, upper petals shaded to white.

Jacquerie—Rich, vivid crimson; immense trusses.

Leon Perrault—Brilliant scarlet, of the most dazzling shade; very large trusses and florets.

Mrs. J. M. Garr—Trusses large and of perfect form; color pure snowy white.

Mrs. A. Blanc—Light salmon, blended with darker shades; center and edge of petals pure white; extra fine.

Thos. Meehan—Rich various rose color, upper petals marked with orange.

Mrs. E. G. Hill—Very large trusses of single florets; color, clear salmon, with a white center; one of the finest and most distinctive varieties. See cut.

Rival—A charming soft salmon red; upper petals blotted; a cross between Zonale and Ivy; splendid pot plant; single.

Paul Crampel—A dazzling vermillion scarlet; deep green foliage; finest habit, vigorous, branching; freest blooming single red; a mass of color during entire season.

Double

Heteranth—Very large and full trusses of double bright velvety scarlet flowers.

La Favorite—Trusses very large; flowers pure snow white.

Mme. Jaulin—A truss of grand size, delicate pink, bordered with pure white.

S. A. Nutt—The best of the rich, dark crimson varieties; trusses massive.

Van Beneden—Fine large flowers, lower petals rich violet, bordered with scarlet, upper petals orange-scarlet.

Francis Perkins—The finest pure pink variety we know of.

John Doyle—Rich deep scarlet; unusually attractive; a great favorite, good habit, free bloomer; one of the best double reds.

Alphonse Ricard—Large semi-double flowers, borne in enormous trusses; color a dazzling scarlet on saffron ground; long flower stems; continuous free bloomer; one of the best bedding sorts.

Scented Leaved Geraniums

Beautiful and useful for their highly fragrant foliage; useful among cut flowers, for toilet waters, fragrant jars, flavoring jellies, etc.; the large flowering sorts make attractive pot plants.

Price, each, 15c; doz., \$1.50, postpaid

Apple—True apple scented.

Balm—Large flowers; strong grower; very fragrant.

Lady Plymouth—Variegated Rose Geranium; green and white, golden tinged; fine pot plant.

Lemon—Small glossy green foliage; delightful lemon scent.

Nutmeg—Small, light green foliage; true nutmeg scented; in cultivation since 1774.

Rose Geranium—The old favorite; has been known for more than 300 years.

Cactus Flowered Types

An odd class, having fully double star-shaped flowers of good size and pleasing colors; an attractive novelty; grows well.

Fire Brand—Rich scarlet.

J. R. Greenhill—A soft shell pink.

Price, each, 15c; doz., \$1.50, postpaid

Water Lilies

These beautiful and interesting plants can be easily grown in tubs made by cutting a barrel in half and setting one or both halves deep in the ground, to within a few inches of the top. Put in good loam soil, with one-third old manure, or better still is the soil from a swamp or lowland, using one-third of old well-rotted manure; cover soil with a layer of sand one to two inches deep, allowing for a depth of six inches of water.

Water Lilies like a mild temperature, and still water, and will not succeed where a fountain is playing or where there is a cold or strong inflow.

Nymphae—Hardy white.

Single roots, 35c, postpaid

Large roots, 75c to \$1.50 prepaid

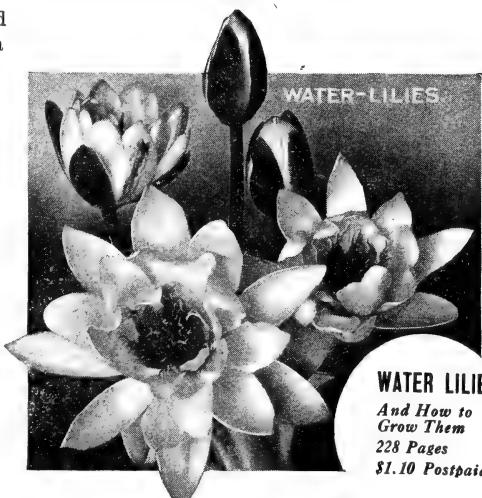
Nymphae—Hardy yellow; fragrant.

Single roots, 50c, prepaid

Large roots, \$1.50, prepaid

Parrots Feather

Produces long trailing sprays of lovely green, finely cut foliage set in symmetrical whorls; plant in a water tight vase or hanging basket, keeping water standing over the surface. A beautiful, thrifty growing, hardy plant. Try it. Good roots, each, 25c; doz., \$2.50.



WATER LILIES

And How to

Grow Them

228 Pages

\$1.10 Postpaid

SEND FOR OUR SPRAY CALENDAR—IT'S FREE.



Maiden Hair (Adiantum Cuneatum)—This is the hardy Maiden Hair Fern so valuable to florists for cutting, and must not be confused with the older sorts that cannot be successfully handled;

Asparagus Sprengerii (Emerald Feather)—Handsome and valuable evergreen trailing plant for the house or conservatory; its beautiful sprays of lovely green, feathery foliage can be cut freely.

Nice plants, each, 20c; large plants, 35c to 50c.

Ostrich Plume Fern—One of the most wonderful and beautiful introductions of the present age; this new sort is a sport from the well-known Boston Fern; hasabe au tiful feathery appearance, and is one of the grandest of decorative house plants.

Nice plants, 20c to 35c each; specimen plants, \$2.50 to \$3.00.

We can supply any of above in all sizes from 2½-inch pots up to large specimen plants.

Prices, from 35c to \$3.00 each.

Japanese Fern Balls

This beautiful novelty is composed of the Japanese Island Fern Roots and Sphagnum Moss, and so constructed as to send out leaves of beautiful emerald green from every point. They grow rapidly and make a handsome ornament for the home, conservatory or greenhouse.

Directions for Starting—Place ball in water for 15 minutes, and then suspend in any desired position, or place in a shallow dish; repeat every two days until growth is started, after which sprinkle occasionally as required. They need very little sun.

Price of Balls in dormant state, each 75c.

For Fern Dishes

Attractive assortments, sufficient for 5 to 6 inch pans. From 75c to \$1.00, postpaid.

House Plants

Cyclamen—Fine healthy specimens; red, white, pink, rose, salmon and variegated; ready to bloom; nothing is more beautiful or acceptable as a holiday gift. 4 to 6-inch pots, each 75c to \$1.50.

Must go by express, purchasers' expense. **Coleus**—Beautiful hardy foliage plants in wonderful variegations of brilliant colors.

Each, 15c to 35c, postpaid.

Leopard Plant—Easy growing ornamental foliage plant; leaves deep glossy green, spotted yellow.

Strong plants, each 15c to 35c, postpaid.

Rex Begonias—Truly the king of foliage plants; leaves large, variegated and margined with a peculiar silvery metallic gloss; fine for baskets, boxes or windows; we offer 20 of the finest sorts.

Choice plants, mailing size, each 25c, postpaid.

Sweet Violets

Price, each, 15c; 6 sorts, 75c

Princess of Wales—Flowers single, of gigantic size; color a very rich shade of blue, and extremely fragrant.

Marie Louise—A constant bloomer, producing great quantities of large, double flowers, lovely deep violet purple.

Swanley White—The finest and best double white violet in cultivation.

For Carnation, Begonias, Chrysanthemums, Petunias, Fuchias, Heliotrope, etc., see General Catalog

FERNS

WE offer a splendid list of Ferns, including some of the newest varieties as well as the older sorts. All plants are in fine growing condition, and well rooted.

Florists wishing stock of the new varieties write for prices.

New Ferns

Birds Nest (Asplenium Nidus Avis)—A rare and beautiful fern with broad outer leaves; centre curiously formed like a nest; color is deep green; an attractive pot plant for exhibition.

Well-grown Specimens from 4-inch pots, \$1.50 postpaid. **Crested Scott Fern (Nephrolepis Scholzeli)**—The ideal crested fern—New 1910—A sport of the Scottii and a great improvement; stands erect, arches gracefully and never breaks down; a perfect fern in every way; growth is open, giving the centre plenty of air, adding to its healthfulness.

Price, from 4-inch pots, fine well-rooted plants, \$1.00 postpaid. **Scott Fern (Nephrolepis Scottii)**—

Price, from 3-inch pots, 75c, postpaid

this fern grows freely under almost any condition inside, and if you have not been successful with "Maiden hair" ferns as a pot plant, try this one; it is a sure grower.

Good plants from 4-inch pots, \$1.00 postpaid.

Popular Hardy Ferns

Asparagus Plumosus (Climbing Lace Fern)—A finer and more delicate plant than the Sprengerii, but hardy and easily grown; very satisfactory for window and house culture; the fronds retain their freshness for weeks when cut; fine for floral decorations.

Nice plants, each 20c; large plants, 25c to 40c

Boston Fern—One of the most beautiful and useful of house plants; is of easy culture.

Nice plants, each 20c; large plants, each 35c to 50c; specimen plants, \$1.50 to \$3.00.

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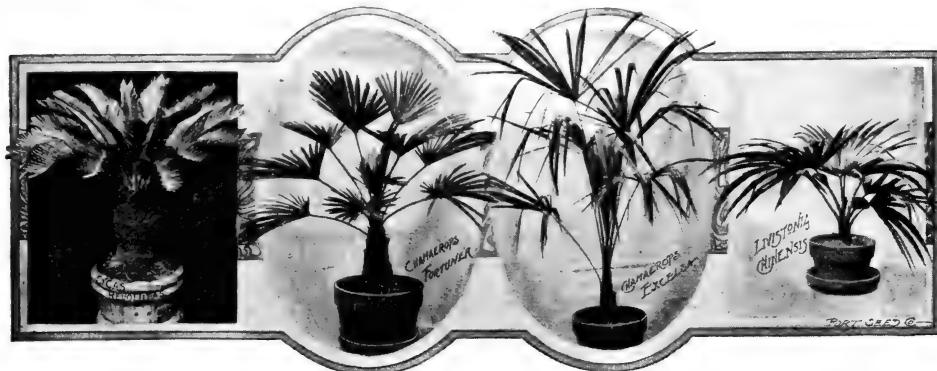
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Japanese Ornamentals and Palms



No. 1.

No. 2.

No. 3.

No. 4.

WE import annually large assortments of Japanese Plants, Palms, Shrubs, etc., and would call attention to the splendid values offered in these interesting specimens. Those listed are perfectly hardy and where known are very popular.

In this section we include Palms, etc., other than Japan stocks.

Palms

Kentia Belmoreana—A beautiful, handsome looking, strong-growing Palm with deep green, crisp foliage; inclined to dwarf and spreading habit; one of the most popular for house culture, as they are very hardy.

Small plants, 50c to 75c.

Small plants, 50c to 75c.

Large plants, 18 inches up, \$1.50 to \$5.00 and up.

Cocos Weddeliana—The most graceful of all Palms; finely cut foliage of rich deep green; we have fine plants of this most desirable Palm, well established in 4-inch pots, 5 to 7 leaves. Each, \$1.00.

Chamaerops Excelsa (See cut No. 3)—Leaves fan shaped, deeply cut; one of the hardiest Palms we have and worthy of extensive culture; very ornamental, a symmetrical grower and has very handsome palmate leaves.

Choice plants, 18 inches and up, each \$1.50 to \$3.00.

Chamaerops Fortunei (See cut No. 2)—A handsome Palm, similar to the above, more dwarf in growth and with smaller leaves; we import the Chamaerops, Chinensis and Cycas Palms from Japan.

Choice plants, 18 inches up, each \$1.50 to \$3.00.

Araucaria Excelsa

(Norfolk Island Pine)—This beautiful plant resembles the pine somewhat in appearance, though much finer in texture; it is particularly adapted to parlor table decoration; it is most unique in appearance, the branches being arranged in neat, symmetrical whorls; they do not require much sun and are hardy and easily cared for.

Choice plants, 14 to 20 inches high, each \$2.00 to \$4.00.

Aspidistra

Ornamental foliage, plant throwing up shoots which unfold, developing into long, graceful leaves; color a beautiful dark glossy green; give same treatment as hardy palm.

Specimen plants, \$2.00 to \$3.00 each.

Variegated—Rich creamy markings.

Specimen plants, \$3.00 each.

Cryptomeria

One of the finest evergreens of Japan; of both upright and drooping habit. We import a number of different varieties all of which are suitable for lawn planting. Foliage mostly needle like; end of branches soft and flexible.

1 to 2 feet, each, \$1.00 to \$2.50

Livistonia Chinensis (See cut No. 4)—The most popular Palm for decorative work, for apartments, or conservatories; leaves large, fan shaped, of a rich dark green color; handsome, graceful and quick growers, 12 to 18 inches.

Each, 75c to \$1.00.

Cycas Revoluta, Sago Palm (See cut No. 1)—These are magnificent plants, of noble and majestic habit, and most impressive; very valuable for both lawn and house decorations; they have a thick trunk, and their heavy, glossy, deep green pinnate leaves resist alike the gas, dust and cold to which decorative plants are frequently exposed; fine plants, large trunks, with well branched leaves at the top, 18 inches and up.

Each, \$3.00 to \$5.00 and up.

Rhapis Humilis—Rare ornamental Palm with slender, graceful leaves; very handsome and attractive; an excellent decorative variety, requiring very little sun.

Each, \$2.50 to \$5.00.

Cyperus, Umbrella Plant (Alternifolia)—A splendid house plant of easy culture; resembles a palm; requires little or no attention, and remains green throughout the year. Keep well watered.

Small plants, postpaid, each 15c to 25c.

Large plants, by express, each 35c to \$1.00.

Camellia

Japonica—Very beautiful, winter flowering evergreen; the handsomest, shining, dark green foliage and magnificent, wax like flowers of various colors, render them indispensable for the conservatory, and well adapted for parlor or window culture; perfectly hardy in this climate in the open ground, but should be planted in a shady place and protected the first year. We have these in three colors.

Double White,

Pink and Red. 1½ to 2 feet, each, \$1.00 to \$1.50

Rubber Plant

Ficus Elastica—This is certainly one of the best plants grown for decorative purposes; it succeeds well with ordinary treatment; its glossy, thick dark green leaves are not affected by dust or gas; the large dark green foliage and erect form are much admired.

Large plants, each 75c to \$1.50 and up.

Variegated—Beautifully marked with creamy white; nice plants.

Each \$1.50 up.

Japanese Ornamentals—Continued



**Thuja
Obtusa**

Thuja Obtusa—(var. *Chabo-hiba*)—Famous Dwarf tree of Japan, over 100 years old, grown in pots. This unique and interesting tree is perfectly hardy, good for porch or house use; is very ornate and striking; making it invaluable for decorative effects. Fine specimens in oriental jardinières.

\$5.00 to \$10.00 each

Aucuba

Aucuba Japonica—Japan evergreen, with shining evergreen foliage and red berries. **Each, 75¢ to \$1.00**

Aucuba J. Variegata—Green and yellow foliage; very showy; fine for specimen plants on lawn. Large plants for immediate effect.

Each, \$2.00 to \$2.50

Bamboo

This well known ornamental plant, with graceful and almost evergreen foliage, thrives in sheltered situations, making fine lawn clumps. We have four varieties, all hardy.

Strong clumps, 3 to 6 feet, each, 75¢ to \$1.50

Berberry—Japanese

B. Thunbergii—From Japan. A pretty species of dwarf habit; small foliage, changing to a beautiful red in autumn; good hedge plant. **2 to 3 feet, each, 60¢ to 75¢**

Magnolia

Magnolia Salicifolia—New species called fragrant Magnolia; pure white flowers. It emits a sweet aromatic scent, not only from the flowers, but stem and leaves; very hardy; should be in every collection.

Each \$1.50 to \$2.00

Conspicua—A Chinese species of great beauty. The tree is of medium size, shrub like in growth while young, but attains the size of a tree in time. The flowers are large, pure white, very numerous and appear before the leaves. **2 feet, each, \$1.00; 3 feet, each, \$1.50 to \$2.00**

Soulangeana—In habit it closely resembles *M. Conspicua*; flowers white and purple, cup-shaped and three to five inches in diameter; foliage large, glossy and massive; it forms a handsome tree; blooms later than *Conspicua*.

2 feet, each \$1.00; 3 to 4 feet, each \$1.50 to \$2.00

Magnolia Obovata—Exterior petals purple, veined with deeper color, white center. **Each, \$1.00 to \$1.50.**

Grandiflora. See page —

Quince (Japan Flowering)

Japonica—Remarkable for the brilliancy of its blossoms, which vary from the richest scarlet to the most delicate blush color; the fruit is deliciously fragrant, but is not edible.

2 to 3 feet, each, 60¢ to 75¢

Alba—A very beautiful variety, with delicate, white and blush flowers. **3 to 4 feet, 75¢ to \$1.00**

Persimmon

Japanese—Highly prized for its delicious fruit. We import the Japanese variety valued *Hyakume*. Fruit large and oblong; color bright red; ripens early in the fall. **4 feet, each, 60¢ to 75¢**

Prunus

We import these direct from Japan. They are hardy, rapid growers, and produce early in the spring a profusion of handsome flowers of great beauty and fragrance.

Prunus Mume—The Flowering Plum. **Double White or Double Red, 3 feet up, each, 75¢ to \$1**

Prunus Cerasus—Handsome Flowering Japanese Cherry.

White, pink or red, 3 feet up, each 75¢ to \$1.00

Prunus Pissardi—Flowering Plum. Wood and leaves dark purple. **3 feet up, each, 75¢ to \$1.00**

Maple (Japanese)

Japanese Maples are becoming more popular as they become better known. They are all of dwarf habit and are varied in their foliage and are all so shrub-like in growth and many of them of such rich, bright hues and deep-cut leaves that we class them by themselves. On account of these characteristics they are much used for forming permanent beds, but are very effective whether planted singly or in groups. We include only those we can especially recommend. Well branched, choice trees, 2 to 3 feet.

Each, \$1.00 to \$1.50

Atrorpurpureum—Large palmate leaves; deep maroon; very showy. **Atrorpurpureum Dissectum (Cut-Leaved Purple)**—Dwarf weeping, graceful form, branches crimson; leaves deeply and finely cut into shred like divisions; of a beautiful rose color when young, changing to a deep, dark purple. A choice and ornamental variety.

Atrorpurpureum Dissectum Variegatum—Like the above, except that the leaves have a white edge, making them very showy and attractive; very popular sort.

Atrorpurpureum Variegatum—Leaves large and scalloped; color bright crimson, with deep maroon variegation.

Sanguineum Seigen—Regular palmate leaves, coloring in the middle spring to a blood red; very handsome.

Scopulendifolium Rubrum—Dark red; finely cut; narrow ribbon leaves.



New
Tree

Japan
Hydrangea

JAPANESE ORNAMENTALS—Continued**Sciadopitys Verticillata**

"Umbrella Pine"—The leaves are narrow, round and arranged in whorls of umbrella like tufts; is especially adapted for porch or lawn decoration. (See cut below). 2 feet, each, \$1.50

Lilac—Tree

Syringa Japonica—Japan tree lilac, growing to a height of 30 feet; blooms late in June, bearing

large pannicles of showy white flowers carried well above the foliage; leaves large and leathery, rich dark color. Each 75c

Snowball (Viburnum)

New Japan Snowball—*Carlesii*—Flowers white shaded pink, resembling large Bouvardia; blooms very freely, every point of strong growth being covered with pink and white pannicles; hardy anywhere in U. S. Each, \$2.00

Evergreen Trees, Shrubs, Etc.**Arbor-Vitae**

Chinese Golden—Very compact and regular in habit; the foliage assumes a beautiful golden tint in the spring.

Choice plants, \$1.00 per foot

Araucaria, Imbricata

Chile Pine, or Monkey Tree—Beautiful, regular pyramidal form; branches in whorls, spreading horizontally when young, rather ascending near the top; leaves stiff, smooth shining, deep green, sharply pointed and entirely clothing the branches; the greatest ornamental among conifers.

1 foot, each \$1.50; 1½ feet, \$2.00

ARAUCARIA EXCELSA—(See page 43.)

BOX—(See Hedge Plants, page 46.)

CAMELLIA—(See page 43.)

Cypress

Lawson's—A beautiful tree, native of this state, with elegant drooping branches and very slender, feathery branchlets.

1 foot, each, 50c to 60c

2 to 3 feet, each, \$1.00 to \$1.50

DAPHNE—(See page 44.)

Holly (Ilex)

We have a fine lot of Hollies, both seedling and grafted stock. If wanted in quantity, write for special prices. We also have at different times very large fine specimens, with or without berries. Each, from \$10.00 up

English (Aquifolia)—A beautiful lawn tree, with prickly, dark green foliage; grows moderately fast, and is covered during the winter months with bright red berries. One of the handsomest and most popular evergreen bushes we know of. Holly branches are cut and sold in large quantities for holiday decorations. Berry-bearing plants, per foot, \$1.00; nice plants, \$2.50 to \$6.00; ordinary stock, per foot, 75c; nice plants, \$1.50 to \$3.00

Variegated Hollies

The variegated varieties are remarkably handsome lawn plants. The leaves are variously marked with yellow or white. We offer the following distinct sorts:

Golden Margined—Leaves splashed with pale green; narrow, but irregular; golden edge.

Per foot, \$1.00 to \$1.50

Silver Margined—Leaves long, dark green, slightly mottled, and with an irregular, narrowish silvery margin.

Per foot, \$1.00 to \$1.50

Deodora—Blue.

Each, 2 to 3 feet, \$2.00 to \$2.50

CRYPTOMERIA—(See page 43.)

EVERGREEN TREES, SHRUBS, ETC.—Continued**Juniper**

Compacta—A dense growing evergreen shrub; may be trimmed into most any shape; grows about 6 to 7 feet high.

2 foot, each, \$1.00 to \$1.50

Irish—A distinct and beautiful variety of erect, dense, conical outline and upright growth; short, glaucous green foliage. (See cut above.)

1 foot, each, 75c; 2 feet, \$1.00 to \$1.50



Rhododendron

Rhododendron

(See cut)

Grafted Varieties—Magnificent, June and July flowering, evergreen shrubs; the finest and most hardy of all evergreens; they prefer a somewhat shady situation. There are many varieties, the flowers of which are produced in great abundance and in shades of the following colors: White, blue, purple, cherry, lilac, mauve and crimson.

Choice plants, 1½ to 2 feet and according to number of buds, \$1.50 to \$3.00

Ponticum—Flowers purple, often spotted on the upper lobe, and freely produced in short terminal corymbs. Each, \$1.50

Native—Light pink shaded. Each, \$1.00

Sciadopitys Verticillata—(See page 38.)

Spruce (Abies)

Excelsia, Norway Spruce—A well known evergreen, extensively used; it is of rapid growth, much used for hedging, as well as for single specimens and for planting for shelter.

1 to 2 feet, each 50c to 75c; 3 feet, \$1.00

Write for special prices in quantities for hedges or wind breaks.

Pungens, Colorado Blue Spruce—One of the hardiest and most beautiful of all the spruces; foliage of a rich, silvery blue; tree of dense habit.

2 to 3 feet, each \$1.50 to \$2.00

Large stock, up to \$6.00 to \$10.00

Laurel (English)

A fine, large evergreen, with broad, shining green leaves; produces large panicles of creamy white flowers, followed by purple berries. Single plants, 1 to 1½ feet, each 60c to 2 to 3 feet, \$1.00; 4 to 6 feet, \$1.50

Write for prices in quantity for hedges.

Laurustinus

The handsomest of our winter flowering shrubs, with clusters of small, pretty white flowers in great abundance; well adapted for ornamental planting or a hedge.

1 to 2 feet and up, each 60c to \$1.50

Magnolia

Grandiflora—The most beautiful of all the American evergreens. It is a native of the Southern States, but perfectly at home here. No garden is complete without it. Erect growth, pretty habit; large, rich foliage and produces immense, extremely fragrant, pure white trumpet-shaped flowers.

1½ feet, each \$1.00; 2 feet, \$1.50; 3 feet, \$2.00

For other Magnolias, see page 38 and 39.

Mahonia Aquifolia

(Oregon Grape)

Native of Oregon and our State Flower. Nursery grown.

2 feet, each 75c

Pine

Austrian, or Black Pine—Tree remarkably robust, hardy and spreading; leaves long, stiff and dark green; growth rapid; the most valuable for this country. 2 to 3 feet, each \$1.50

Ponderosa, Heavy Wooded Pine—A noble tree; perfectly hardy here, a rapid grower; leaves a silvery green color.

2 to 3 feet, each \$1.50

Redwood (California Big Tree)

Well known native of California; makes a lovely specimen for the lawn; suitable also for avenue planting.

3 to 4 feet, each \$1.50 to \$2.00

Yew (Taxus)

English (Baccata)—Small tree of slow growth and very bushy head, branched and thickly covered with sombre green leaves; can be trimmed into any shape. (See cut, page 39.) 2 to 3 feet, each, \$1.50 to \$2.50

Irish (Fastigiata)—Peculiarly upright in growth; foliage dark. (See cut, page 39.)

2 feet, each \$2.50

Irish Golden—Leaves green in the center and margined with yellow.

1 to 2 feet, \$2.00 to \$2.50

Hedge Plants**HAWTHORN (English)**

Has small leaves and single white flowers. Will make a strong hedge of good size.

2 feet, each 20c; 50, \$7.50; 100, \$12.00

HIMALAYA GIANT BLACKBERRY

Makes a splendid, quick-growing, strong hedge. Thrives and bears immense quantities of fine berries under all conditions. Try it.

HEDGE PLANTS—Continued

BOX (Evergreen)

Dwarf, Common—Fine for borders, edgings or low hedges. 6 inch, each 15c; 100, \$10.00

Large, stocky, trimmed bushes, each, 1 foot, \$1.00; 2 to 3 feet, \$2.00

Variegated—Like above, blotched and edged with silver or gold. 8 to 12 inches, each 50c

PRIVET (Evergreen)

One of our best hedge plants; has small, pointed, evergreen leaves; grows rapidly and

compactly; stands severe pruning, and can be kept in fine shape with little care.

1-year-old plants, 12 inches, each, 4c; 50, \$1.75; 100, \$3.00; 2-year-old plants, 1½ to 2 feet, each 5c; 50, \$3.50; 100, \$6.00

For ornamental or large hedges, wind-breaks, boundaries, etc., we recommend the following: Arbor-Vitae, Laurel, Norway Spruce, Honey Locust, Japan Quince, Hawthorn, Laurustinus, Spiraea, Azaleas and Roses. All described elsewhere in this catalog. (See index.) Write for prices, stating quantities needed, if wanted for hedge.

Climbing and Trailing Plants

Ampelopsis (Virginia Creeper)

Quinquefolia—Virginia Creeper—Has large, luxuriant foliage, which in autumn assumes the most gorgeous and magnificent color; one of the finest veins for sovering trellises or verandas.

Each, 35c to 50c

Weitchii (Boston Ivy, Japan Ivy)—This is the handsome creeper so generally used for covering brick, stone and wooden walls; vine grows rapidly; the leaves are of a shining, glossy green, taking on beautiful autumnal coloring.

Each, 35c to 50c

Clematis

One of the most beautiful and useful climbers, adapting themselves to every requirement. Their magnificent flowers, borne in greatest profusion in beautiful shades of lavenders, purples, reds and white, make them especially attractive. Clematis requires a rich loamy soil, but manure should not touch the roots. Cut out the weak and surplus branches in the spring, and tie the vine up well to its support. We offer the best of the hardy large flowering varieties.

Ramona—Beautiful lavender; best of its color.

Montana—White, anemone-like flowers, May to July; very hardy, rapid grower.

Henryi—Fine, large, creamy white flowers; a strong grower and very hardy.

Jackmanii—Intense violet-purple, with a rich velvety appearance; distinctly veined. The most popular and finest Clematis we have.

Mad. Ed. Andre—A beautiful, new variety; flowers red, large and abundant.

Choice plants of above sorts, each, 60c; Large plants, each, 75c to \$1.00, postpaid

Clematis paniculata—A strong, rapid and vigorous grower; it produces sheets of medium-sized, pure white flowers of the most pleasing fragrance; it is perfectly hardy and well adapted for covering trellises or fences.

Choice plants, each, 25c to 50c; large, 40c to 60c

Trumpet Vine

Tecoma Grandiflora (Chinese Trumpet Vine)—A vigorous, sturdy climber of bushy growth, with bright green leaves and large brilliant scarlet flowers; borne in clusters; blooms profusely until frost; needs protection in severe climates.

Each, 75c

Tecoma Radicans (American Trumpet Vine)—Similar to Chinese, but a little more hardy; flowers are scarlet, with orange red inside of petals; a rapid, high climber and free bloomer. Each, 75c

Honeysuckle

Halleana, Japanese—A vigorous climber, with pure white flowers, changing to yellow; evergreen; very fragrant. Each, 35c to 50c

New Belgian, Sweet-scented—A magnificent, new honeysuckle—the finest yet produced; remarkable for the large size and delicious fragrance of its flower; dark, rich red and creamy yellow; a healthy, vigorous grower, and blooms continually the whole season. Each, 50c



CLEMATIS.

Ivy

Common English—Thick, leathery evergreen leaves; strong grower.

Good roots, each, 25c

.Each, 50c

Nudiflorum—Fragrant, yellow flowers. Each, 50c

Officinalis—Flowers pure white, sweetly scented.

.Each, 50c

Nudiflorum—Fragrant, yellow flowers. Each, 50c

Officinalis—Flowers pure white, sweetly scented.

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Jasminum

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Officinalis—Flowers pure white, sweetly scented.

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Nudiflorum—Fragrant, yellow flowers. Each, 50c

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.Each, 50c

Nudiflorum—Fragrant, yellow flowers. Each, 50c

Officinalis—Flowers pure white, sweetly scented.

Shade, Nut and Ornamental Trees and Shrubs—*Deciduous*

In planting shade trees or ornamental shrubbery, always consider the location, the soil, and the purpose for which you are planting; from these factors determine what varieties will successfully meet your requirements. Selections thus made will insure best results, and avoid much loss and disappointment. Tell us your plans. Your inquiries will have prompt and courteous attention.

Almond (Nut Bearing)

Almonds can be grown successfully in many sections of Oregon and Washington, and are attracting much attention from commercial orchardists. We can supply most of the leading varieties at price listed. Special prices on large orders.

Select Trees, 4 to 6 feet, each, 50c to 75c

I. X. L.—A vigorous grower and sure cropper, producing nuts of large size and handsome appearance; shell thin; most popular commercial sort.

Hard Shell—A fine hardy variety with large plump kernel of good quality.

Almond (Flowering)

3 to 4 feet, each, 50c to 75c

Double Red—Beautiful shrub, bearing in May, before the leaves appear, double, rose-like flowers.

Double White—Same as above, only the flowers are white.

Althea (Rose of Sharon)

These beautiful shrubs bloom very freely in August and September, when few other shrubs are in bloom, and, being easily cared for, are worthy of a place in every garden. Our collection comprises double varieties.

Pink and White, 3 to 4 feet, each, 75c

Azalea

Mollis—The most gorgeous of all the hardy shrubs. The blossoms, which vary in color from intense crimson to lemon yellow, are borne in greatest profusion in early spring, before the leaves appear. It makes a compact, symmetrical shrub.

White, Yellow, Orange, or Red, grafted, each, \$1.50; extra large, \$2.00; imported plants, 75c to \$1.50.

A. Crimson—A hardy evergreen species. These are dazzling in their brilliancy.

Each, 75c to \$1.50

Bamboo—(See Page 44.)

Berberry (Berberis)

Purple-Leaved—A very pretty shrub, with purple foliage; fruit acid and is highly esteemed for preserving.

2 to 3 feet, each, 40c to 75c

B. Ilicifolia—Large, dark green leaves, remaining on the plant until late in the winter; a fine variety. **2 to 3 feet, each, 50c to 75c**

B. Thunbergii—(See page 44.)

Beech

Fern Leaved—A handsome and attractive tree of elegant, round habit, and delicately cut, fern-like foliage. During the growing season its young shoots are like tendrils, giving a graceful, wavy aspect to the tree.

4 to 6 feet, each, \$1.50

Purple Leaved—Foliage is deep purple in the spring, changing to crimson in the fall. **5 to 6 feet, each \$2.00; 6 to 8 feet, \$3.00**

Birch

European White—Remarkable for its elegance; very graceful, with silvery bark and slender branches.

6 to 8 feet, each, 75c; 8 to 10 feet, \$1.00

Cut Leaf under Weeping Trees.

BOX ELDER—(See Negundo, page 50.)

Butternut

A beautiful growing tree, highly prized for its nuts. **4 to 5 feet, each, 75c to \$1.00**

Catalpa (Western)

Speciosa—Valuable for forest and ornamental planting; a rapid grower; large, heart-shaped leaves and compound panicles of white flowers.

4 to 5 feet, each, 60c; 7 to 9 feet, 75c to \$1.00

Chestnut

American Sweet—Makes a handsome shade tree; full medium size, sweet and well flavored. **7 to 8 feet, each, 75c to \$1.00**

Spanish—A valuable species, both for ornamental use and fruit. It forms a handsome lawn tree and produces much larger fruit than the American variety.

4 to 6 feet, each, 75c; 7 to 8 feet, \$1.00

Mammoth Japanese—A variety we import from Japan; yields much the best and largest fruit. **Each, 75c to \$1.00**

Horse, European—A handsome tree of regular form with showy foliage, and covered in the spring with panicles of showy white or red flowers; a very ornamental tree.

Red Flowering, 3 to 4 feet, each, \$1.00; 6 to 8 feet, \$1.50. White Flowering, 4 to 5 feet, 75c; 6 to 8 feet, \$1.00 to \$1.25.

Cotoneaster

C. Horizontalis—Choice evergreen with minute, deep glossy green foliage; a plant of prostrate habit of growth, admirable for covering low walls, or to use to cover rocks and stumps. **1 to 2 feet, each, 60c to 75c**

C. Simondsii—A beautiful upright shrub, with fruit of a rich, deep orange color. **4 feet, each, 75c**

ORNAMENTAL TREES AND SHRUBS—Continued

Deutzia

This valuable species of plants come to us from Japan. Their hardiness, luxuriant foliage and profusion of attractive flowers, render them deservedly among the most popular of flowering shrubs. The flowers are produced in June, in racemes four to six inches long.

Pride of Rochester—A variety producing large, double white flowers; back of petals slightly tinted rose; excels all others in size of flower, length of panicle, profuseness of bloom and vigorous habit; blooms early.

Strong clumps, each, 60c to 75c

Lemoinei—The branches are entirely covered with erect panicles of large, snow-white flowers.

2 to 3 feet, each, 75c

Elm

American White—A large, magnificent tree, with drooping, spreading branches; one of the grandest shade trees.

6 to 8 feet, each, 75c; 8 to 10 feet, \$1 to \$1.25

Cork Bark—A valuable shade tree, and very desirable for streets and avenues; young branches very corky.

6 to 8 feet, each, 60c; 8 to 10 feet, \$1 to \$1.25

English—An erect, lofty tree, with rather small leaves.

6 to 8 feet, each, 75c;

8 to 10 feet, \$1.00; 10 to 12 feet, \$1.50.

Purple Leaved—Erect in growth, with slender branches densely clothed with dark purplish-green foliage.

5 to 6 feet, each, \$1.50

Exochorda

E. Grandiflora—Produces large, white flowers in May; one of the finest shrubs of its season.

3 to 4 feet, each, 60c to 75c

Fig—California Black

Grown as an ornamental tree; also for its fruit.

2 to 3 feet, each, \$1.00

Filberts

Barcelona—Magnificent large nut from Spain, first quality; can be grown as low standard tree or bush.

Each, 35c to 50c

DuChilly—The largest Filbert on Pacific Coast. Nuts are broad, 1 inch by $\frac{3}{4}$ of an inch; full fleshed and sweet; best grown as low standard.

Each, 35c to 50c

Special prices on large orders.

Purple Leaf—(See page 50).

Forsythia (Golden Ball)

A very pretty shrub, with drooping yellow flowers.

3 feet, each, 50c

Genista (Scotch Broom)

Scoparia—The stems and branches are of a bright green color; the flowers are yellow, pea-shaped, and completely cover the plant, opening during the last days of May.

3 feet, each, 60c

G. Alba—Same as above, with white flowers.

3 feet, each, 60c

G. Juncea, Spanish Broom—Yellow flowers; blooms continuously.

3 feet, each, 60c

Hawthorn

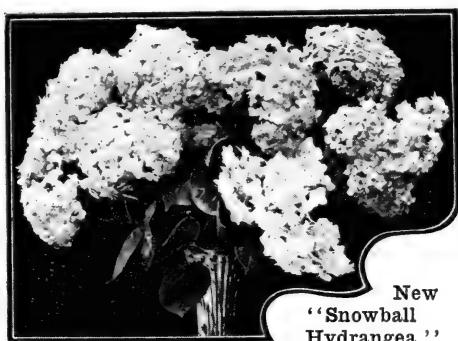
Double White—Has small, double white flowers; a highly ornamental variety on account of both foliage and flowers.

6 to 8 feet, each, \$1.00 to \$1.50

Double Red—Flowers in clusters; very double, large and full, and of a deep crimson color; superior to any of its color.

6 to 8 feet, each, \$1.00 to \$1.50

Single White—(See Hedge Plants, page 46.)



Hydrangea

Beautiful free, flowering shrubs, bearing immense panicles or trusses of flowers; **Paniculata** is perfectly hardy and requires no protection. The other varieties require protection in severe winter, and should be grown in pots or boxes and wintered in the cellar, except in warm sections.

NEW HYDRANGEA

Arborescens Alba Grandiflora (known as "Snowball Hydrangea")—A grand addition to the summer flowering shrubs—flowers July and August. The flowers are large, similar to snowball in appearance, conspicuously white; fine for single specimen or cut flowers.

Each, \$1.00

Paniculata Grandiflora—This is one of the most valuable hardy shrubs. It attains a height of four to five feet, and is perfectly hardy in all parts of the country; the flowers are white, borne in immense panicles nearly a foot in length. It commences flowering in July and continues until November. The plant should be cut back every spring at least one-half of last season's growth, as the flowers are borne on new wood, and are much finer when the plant is treated in this way. An excellent shrub for cemetery planting.

2 to 3 feet, each, 25c to 50c; 3 to 4 feet, 75c
Tree shaped, each, \$1.00

Thomas Hogg—Immense trusses of flowers, at first slightly tinged with green, becoming of the purest white, and remaining so a long time.

Strong clumps, each, 60c to 75c

Hydrangea Hortensis—(See page 44.)

ORNAMENTAL TREES AND SHRUBS—Continued

Judas Tree (*Cercis*)

American Red Bud. 3 feet, each, 75c

Koelreuteria (Varnish Tree)

Paniculata. 3 to 4 feet, each, 75c

Laburnum (Golden Chain)

A beautiful small-growing tree, with long, drooping racemes of fragrant yellow flowers.
5 to 6 feet, each, 75c

Linden

Close, dense-headed, rapid-growing trees; excellent for street, park or lawn planting.
5 to 6 feet, each, 75c; 6 to 8 feet, \$1.00

Locust

Black or Yellow—A handsome, hardy tree, covered with clusters of fragrant, white flowers in the spring; small foliage.

5 to 6 feet, each, 35c; 8 to 9 feet, 75c

Honey Locust—A rapid growing native tree, with large, sharp thorns, delicate foliage and lovely flowers; used especially for hedges.

4 to 5 feet, each, 35c

Write for prices in quantity for hedges.

Lilac

Common Purple—Flowers purple; branches dark. 3 to 4 feet, each, 60c to 75c

Common White—Flowers white; branches and buds green. 3 to 4 feet, each, 60c to 75c

Extra large bushes, each, \$1.00

Double Lilac—Named varieties, colors come in white, blue, rose with white center, bluish crimson, cream white and purple.

2 to 3 feet, each, \$1.00; 4 to 5 feet, \$1.50

Maple (*Acer*)

Norway (*Platanoides*)—A large, handsome tree, with broad deep green foliage and of very compact growth, rendering it one of the most desirable varieties for the street, park or garden.

6 to 8 feet, each, 50c to 60c

8 to 10 feet, each, 75c to \$1.00

Silver (*Eriocarpum*)—A rapid growing tree of large size, irregular, rounded form; foliage bright green above, silvery beneath; a favorite street and park tree.

8 to 10 feet, each, 75c to \$1.00

Oregon—Large leaved maple; the fine and majestic maple of our native woods.

6 to 8 feet, each, 50c to 75c

8 to 10 feet, each, 75c to \$1.00

Sugar or Hard (*Saccharinum*)—A well-known native tree of stately growth; very desirable as an ornamental shade tree.

7 to 8 feet, each, 60c to 75c

8 to 10 feet, each, \$1.00 to \$1.25

Sycamore (Double Leaved)—Leaves deep green on upper surface, purplish red underneath, producing a beautiful color effect when trees are in motion; fine for lawns and for grouping with other foliage trees.

5 to 6 feet, each, 60c; 8 to 9 feet, 75c

Magnolia—(See page 44.)

Liquidamber (Sweet Gum) .

Styraciflua—Has star-shaped leaves, glossy and green in summer; taking on the most intense shades of purple, orange and crimson in fall, and for this autumn aspect alone it should be grown; of stately growth; corky bark. 4 to 6 feet, each, \$1; 6 to 8 feet, \$1.50

Mountain Ash

European—Fine tree, with dense and regular head, covered from July to winter with great clusters of bright scarlet berries.

6 to 8 feet, each, 50c to 75c

10 to 12 feet, each, \$1.00 to \$1.50

Weeping Ash—(Weeping Trees, page 51.)

Mulberry

White. 6 to 8 feet, each, 50c to 75c

Downing's Everbearing—This makes a fine tree for the lawn or garden, and its abundant supply of refreshing fruit increases its value greatly. 6 to 8 feet, each, \$1.00 to \$1.50

Russian—Very hardy and a rapid grower.

4 to 6 feet, each, \$1.00

New American Sweet—Dwarf, slender, branching variety; graceful and hardy.

6 to 8 feet, each, \$1.00 to \$1.50

Tea's Russian—(Weeping Trees, page 51.)

Negundo Aceroides

Ash-Leaved Box Elder, or Manitoba Maple—A handsome tree, with light green, pinnated foliage and spreading head; hardy and desirable.

8 to 9 feet, each, 75c to \$1.00

Variegated—Similar to above, but variegated with white; very attractive and should be in every lawn.

3 to 4 feet, each, \$1.00

4 to 6 feet, each, \$1.50

Oak (*Quercus-Coccinea*)

Scarlet Oak—The most beautiful of all oaks; grows to a height of 60 to 80 feet; symmetrical, round top; leaves bright green, deeply cut, which color in the fall to a vivid, sparkling red. **Select**, 6 to 8 feet, each, \$2.00

Philadelphus

(Mock Orange or Syringa)

May blooming, very fragrant waxy white flowers; hardy.

3 to 4 feet, each, 75c

Poplar

Carolina—Vigorous growing variety, with large bright-green leaves.

7 to 9 feet, each, 60c to 75c

Lombardy—Very rapid, erect growing tree, with tall, spirey form.

Each, 60c

Purple Filbert

Corylus—Large bush, with large, dark purple leaves; makes a very effective contrast when planted among green-foliaged plants.

3 to 4 feet, each, 75c to \$1.00

Rhus Cotinus

Purple Fringe or Smoke Tree—Grows 10 to 12 feet high; much admired for its feathery inflorescences that cover the whole surface of the tree in midsummer.

3 to 4 feet, each, 75c

White Fringe—Has drooping racemes of pure white flowers; a superb lawn tree.

3 to 4 feet, each, 75c

ORNAMENTAL TREES AND SHRUBS—Continued

Walnuts

English or French—The cultivation of English Walnuts on the Pacific Coast is very profitable, and many people are now setting out large groves. If you do not care to set out a field of trees, a row set along the driveway, lane, around the fences, or on a sidehill too steep to cultivate will prove a most profitable investment, and will require very little attention. They are rapid growers, and will make fair-sized trees in a few years. For those who prefer "second generation," we have a fine lot of one and two-year-old trees (the best age to plant). These are nut-bearing, second-generation stock, and of the best varieties on the Coast, Franquette, Mayette, Praeparturien, etc.

One-year-old, well-rooted, each, 25c; 10, \$2.00
Two-year-old, well rooted, tops 2 feet up, 40c

Seedling stock grown from select nuts, 4 to 6 feet, each, 75c; 6 to 8 feet, 75c to \$1.00

GRAFTED STOCK, 4 to 6 feet, \$1.50 to \$2.00

Special prices on large lots.

American Black—Of majestic habit; bark very dark and deeply furrowed; a very fine shade tree.

4 to 6 feet, each, 60c to 75c

Tulip Tree

A rapid-growing tree, with rich, glossy foliage; flowers tulip shape, greenish-yellow; a fine shade tree.

4 to 6 feet, each, 75c to \$1.00

Snowball (Viburnum)

V. Sterilis—A handsome, ornamental shrub, covered with globular heads of pure white flowers.

3 to 4 feet, each, 50c to 60c;

4 to 6 feet, 75c; **Extra Choice Bushes**, \$1.00

V. Plicatum, Japanese Snowball—One of the best; of upright, bushy growth; leaves healthy and bright; produces large heads of white flowers in great profusion; much superior to the old snowball. It blooms toward the close of May.

2 to 3 feet, each, 50c to 75c

3 to 4 feet, each, 75c to \$1.00

WEEPING TREES—Deciduous

Weeping Ash

Mountain Ash—The common, well-known Ash, but of weeping growth; handsome and graceful.

6 to 8 feet, each, \$1.00 to \$1.50

Weeping Birch

Cut-Leaved—Charming tree. Its tall, slender, yet vigorous growth, gracefully drooping branches, silvery-white bark and delicately-cut foliage present a combination of attractive characteristics rarely met with in one tree.

5 to 6 feet, each, \$1.00; 8 to 10 feet, \$1.50

10 to 12 feet, \$2.00

Weeping Elm (Camperdown)

One of the most beautiful and remarkable of weeping trees; low growing, branches extending horizontally; cover a wide area; makes a splendid arbor; hardy everywhere.

Each, \$1.50 to \$2.50

Spiraeas

Queen Alexandra—Soft, beautiful pink, free flowering, vigorous; a valuable new variety.

Peach Blossom—Dainty new pink of great beauty; good grower, free bloomer.

Nice plants of above, each, 50c; doz., \$5.00

Anthony Waterer—A handsome shrub, that blooms about the close of June; flowers red.

Clumps, each, 75c

Billardi—Produces fine, rose-colored flowers, and blooms nearly all summer.

Strong clumps, each, 60c

Prunifolia, Bridal Wreath—The pretty double white flowers are in bunches of twos and threes, and usually expand about May 1.

Clumps, each, 75c

Thunbergii—Of graceful habit; branches are slender and somewhat drooping; foliage yellowish-green; flowers small, white, appearing early.

Clumps, each, \$1.00

Van Houtte—The grandest of all the Spiraea. It is a beautiful ornamental for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Perfectly hardy and an early bloomer.

2 to 3 feet, 60c to 75c

Tamarix (Tamarisk)

Shrubs of light green, feathery foliage, thriving in light, sandy soil.

T. Africana—Pink flowers. 3 feet, each, 75c

T. Gallica—Common. Very showy in bloom; pink blossoms.

3 feet, each, 75c

Weigelia

Candida—One of the best, handsome, free-flowering shrubs. Flowers pure white, borne in great profusion.

3 to 4 feet, each, 60c to 75c

Rosea—Of erect, compact growth; handsome, rose-colored flowers.

3 to 4 feet, each, 60c to 75c

Eva Rathke—Dark carmine red, an excellent variety, in great demand.

2 to 3 feet, each, 60c to 75c

Weeping Mulberry

Tea's Russian—Very graceful weeping tree, long, slender branches, drooping to the ground.

4-year heads, \$3.00 to \$4.00

6 to 8 feet and 1-year heads, each, \$1.50

Weeping Willow

Kilmarnock—A distinct variety, having reddish shoots and large, glossy foliage. They make a most desirable and graceful, drooping small tree for lawns.

6-feet and 2-year heads, each, \$1.00 to \$1.50

Babylonica, or Common—Well-known common willow, with drooping branchlets.

5 to 6 feet, each, 60c

FRUIT TREES



H

ERE IS A "PICTURE LESSON" MOST WONDERFUL AND IMPRESSIVE. A STARTLING EXAMPLE OF CULTURE VERSUS NEGLECT

Three cherry trees, a *Lambert*, a *Bing* and a *Royal Ann*, select two-year trees of equal size and grade, all strong growers under favorable conditions, were carefully planted in the fall of 1907, on the same day, less than 50 feet apart.

No. 1 was planted where a stump had been removed, and had rich top soil firmly packed around the roots. Has since been properly cultivated and watered when necessary; is 20 feet tall, well headed and bears fruit.

No. 2 was planted in the customary way in good soil; has had no special care, and no cultivation, but was watered irregularly in very dry weather. Has reached a height of 12 feet and blossomed this season.

No. 3 was carefully planted, but in poorer soil, and has been entirely neglected. This tree is very little larger than when transplanted, 3 years ago.

Moral:

If you would have success with trees, cultivate and care for them.

Neglect Always Spells Failure

A S illustrated above, success depends on the care given by the planter—careless or ignorant handling kills thousands of fine trees and plants every season. Avoid unnecessary exposure of roots to the air. In the case of evergreens that are "balled," do not remove the burlap. Plant as received, only cut the string around the top, then loosen the burlap after the tree is set. If you cannot plant immediately on receipt, always "heel" in the trees so their roots may be in contact with good soil. An hour's exposure of roots to wind or sun may kill any tree; this is especially true of evergreens. In planting cut off the bruised or broken roots with a sharp knife.

If the soil is good and properly prepared, only a hole large enough to easily take the roots need be dug, but better results can always be obtained by digging out a large space and filling in with good top soil. In setting the trees, do not put deeper than they stood in the nursery, excepting some dwarfs, which go a little deeper. But now comes the important detail, the neglect of which is responsible for many failures—

~~Be~~ Be sure to pack the earth solidly around the roots. Leaving the ground loose after planting has caused tremendous losses that are generally and unjustly blamed to the nurseryman. Another cause of great loss is the wind working the newly set trees loose from the soil. This kills them. Always stake newly set trees if in a windy situation. After trees are set, make a plan of the grounds, marking the different varieties, then remove the wire labels, as they may damage the growing limb.

KEEPING TREES OVER WINTER FOR SPRING PLANTING

This can easily be done by following the simple instructions given below:

Select a well-drained spot where the soil is mellow, and dig a trench deep enough to cover the roots well; put in one layer of trees, placing them so they will not be erect but at a decided angle; pack the dirt firmly about the roots, then place the next layer. When trees are all "heeled" in, cover the tops with boughs or bank up the earth over them. Be sure there is no grass or rubbish near to harbor mice. In mild situations where winters are not severe, do not bury or cover the tops; simply "heel in." Trees thus kept are on hand ready for planting as soon as the frost is out of the ground and will be found well preserved and are more sure to grow than later spring planting. Besides, you get better service by ordering in the early fall as stocks are more complete.

~~Be~~ If trees are frozen in transit, do not unpack, but set away in a cool cellar and allow them to thaw gradually. Trees or roses that are dried out and shriveled should be buried, tops and all, in moist earth for a few days. This will restore them.

Apples

	Each	10	100
2-year-old	\$0.30	\$2.75	\$25.00
1-year-old, 4 to 6 feet .....	.25	2.25	20.00

SUMMER VARIETIES

EARLY HARVEST

Medium size; bright straw color; tender and fine; good for table and cooking.

GOLDEN SWEET

Large, pale yellow, tender and rich; good for cooking and market.

SWEET BOUGH

Large, pale yellow, tender and sweet; good bearer.

RED JUNE

Medium, oblong, deep red; excellent for table use; one of the best early apples.

AUTUMN VARIETIES

FAMEUSE

(Snow Apple.) Medium, roundish, greenish yellow, with streaks of deep red on sunny side; flesh remarkably white; very juicy.

GRAVENSTEIN

Large, beautifully dashed with deep red and orange; tender and crisp, with a highly aromatic flavor; tree very vigorous.

MAIDEN'S BLUSH

Medium, well shaped; yellow, with a very distinct red cheek on the sunny side; flesh white; pleasant sub-acid flavor; excellent for table or cooking.

WINTER VARIETIES

ARKANSAS BLACK

Medium, round; yellow where not covered with a beautiful dark maroon, approaching black; flesh firm, fine grained, juicy; a long keeper.

BALDWIN

Large, rounded; deep, bright red; very productive; one of the best and most popular winter apples.

BEN DAVIS

Medium to large; yellowish, almost entirely overspread with two shades of red; flesh white, tender, juicy; pleasant sub-acid.

LAWVER

(Delaware Red). Large, rounded flat, mild sub-acid, very heavy and hard; dark red; handsomest of the extra late keepers.

ORTLEY, OR WHITE BELLEFLOWER

White fleshed, fine grained conical fruit of superior flavor; one of the very best.

GOLDEN RUSSET

Medium, dull russet, with a tinge of red; flesh crisp, juicy and highly flavored.

HYDE'S KING OF THE WEST

Large to very large; handsome yellowish green; good quality; a remarkable keeper; a very popular sort in some sections.

RED ASTRACHAN

Large, deep crimson, flesh white, moderately juicy, with an agreeable rich acid flavor; very productive.

ALEXANDER

Large, conical; greenish-yellow, streaked with orange and bright red in the sun; flesh yellowish white of medium quality; very productive.

YELLOW TRANSPARENT

Medium size, roundish, slightly conical; skin pale yellow; flesh tender, juicy, sub-acid; good; bears at an early age.

RAMBO

Medium, yellowish white, streaked yellow and red; tender, rich and sub-acid; very productive.

DUCHESS OF OLDENBURG

Large, yellow streaked with red; tree vigorous and very productive; juicy, with rich sub-acid flavor.

TWENTY OUNCE

Large and showy; good, though not highly flavored; flesh coarse grained, brisk sub-acid.

WAXEN

Fruit medium; skin pale yellow; flesh crisp, tender, juicy, sharp acid; one of the best for drying.

JONATHAN

Medium conical; light yellow, covered with red stripes; tender and juicy; excellent for table or market.

KING OF TOMPKINS COUNTY

Very large, globular; yellowish, shaded with red; flesh yellowish, rather coarse, juicy; rich flavor; fine early winter variety.

SWAAR

A large fine winter sort, keeping until late spring. Flesh very firm at first, but getting tender later on. Skin dark green in fall, changing to a deep golden as the fruit ripens.

MAMMOTH BLACK TWIG

Very large; bright red, pleasant sub-acid; fine late keeper.

NORTHERN SPY

Large, round, greenish yellow, stripes of purplish red; flesh white, juicy, brisk sub-acid; valuable for market and cooking.

RHODE ISLAND GREENING

Large, greenish yellow; flesh yellow, fine grained, tender, crisp, juicy and aromatic; excellent for cooking and table.

ROME BEAUTY

Large, yellow, shaded with bright red; juicy and sub-acid.

WINTER VARIETIES—Continued

ROXBURY RUSSET

Medium, dull green and russet; flesh greenish white, with a rich sub-acid flavor.

RED CHEEK PIPPIN

Excellent variety; sub-acid flavor; yellowish green color; red cheek; large size; good bearer.

SPITZENBERG

Large, oblong; yellowish ground with broken stripes of bright red; flesh yellowish, juicy, with a delicious rich flavor.

STARK

Large, greenish yellow, shaded and splashed with dark red; flesh yellowish, juicy, mild sub-acid; a long keeper and profitable market fruit.

TOLMAN'S SWEET

Medium size, pale, whitish yellow, tinged with red; flesh firm; rich and very sweet; excellent for cooking.

WAGENER

Good size; deep red in the sun; flesh firm and fine grained; good keeper; sub-acid; excellent.

We can supply many other sorts not listed above. Write us your wants.

NEW VARIETIES OF APPLES

Note prices following each variety. Nice stocky trees.

WINTERSTEIN

A winter apple of the Gravenstein type; flesh yellowish, very tender, rich, spicy, sub-acid, highest quality, with a flavor all its own. Originated by Luther Burbank, of California, who says: "The tree is about the best grower and bearer we have ever seen." Should be tested by everyone desiring fruit of high quality.

Price, each 60c

OPALESCENT

Probably the handsomest apple ever introduced. Color light, shaded to a very dark crimson; skin smooth; susceptible of a very high polish reflecting objects like a mirror; flesh yellowish, tender, juicy and good. It is not only a beauty, but all right for size, quality and productiveness; qualities rarely combined in one variety.

Price, each, 60c

BISMARCK

The apple novelty; everyone should try it; tree of short, stocky growth, thick, healthy foliage; fruit large, handsome, yellowish sometimes shaded red cheek; flesh tender, pleasantly sub-acid; entirely new; seldom failing to bear when two years old.

Price, each, 35c.

Crab Apples

Nice stocky trees, each, 35c; per 10, \$3.00

HYSLOP

Large, dark crimson.

TRANSCENDENT

Fruit very large; skin yellow, striped with red; the best of its class for cider.

WEALTHY

Medium, whiteish yellow, shaded with deep red; flesh white, tender and juicy.

WINESAP

Medium yellow ground, streaked with red; flesh yellow, with rich, high flavor; excellent for table and making cider.

WOLF RIVER

Large and handsome; greenish yellow shaded with dark and light red; tree a strong grower and good bearer.

YELLOW BELLEFLOWER

Large, oblong, yellow, sometimes a blush in the sun; flesh firm, crisp, juicy, sub-acid; tree a good grower and very productive; succeeds well in this valley.

YAKIMA

Large, bright red; a good sort and very popular in some places.

YELLOW NEWTOWN PIPPIN

Large; skin smooth, golden yellow; flesh firm, crisp, juicy; one of the standard varieties.

ONTARIO

A cross between Wagener and Northern Spy. Fruit large to very large; flavor a brisk sub-acid, sprightly, slightly aromatic; season mid-winter to late. One of the best apples both for commercial purposes and for home use.

Price, each, 60c

CLAYTON

Winter; large, yellow, striped red; productive.

Price, each, 35c

MULTNOMAH (New)

A grand new sort; a hybrid between the American Pippin and Rome Beauty. Originated by H. A. Lewis. Fruit large; color red, striped yellow; flesh white and fine and of sub-acid flavor; extra long keeper and in its prime from February to June; the coming apple for long distance shipment and Oriental trade.

Price, each, 60c

WINTER BANANA

Winter; yellow, blus' cheek; sub-acid; medium size.

Price, each, 35c

YELLOW SIBERIAN

Fruit small, fine, golden, yellow.

FLORENCE

Size medium; red striped, early, bearing full crop each year; tree immensely productive; juicy and crisp; the best for home garden.

Dwarf Trees

These are ideal for home gardens; come into bearing early and yield large crops of choicest fruits. Forty Dwarf Trees can be planted in a space 50 feet square and will not shade the ground, which can be cultivated between the trees. For best results Dwarf Trees must be planted in good rich soil and be well cared for; they should be pruned back about two-thirds of their new growth each spring.

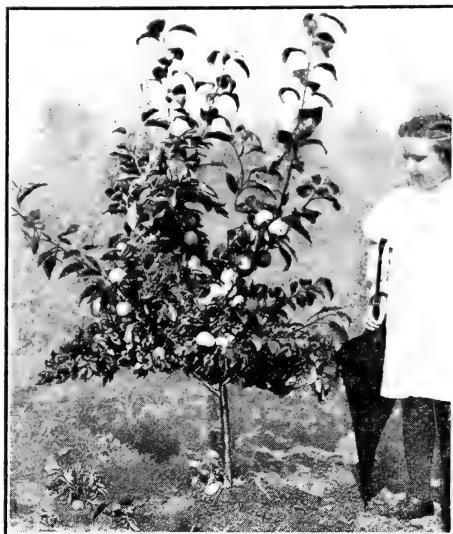
DWARF APPLES

Baldwin	Jonathan	Spitzenberg
Red Astrachan		Gravenstein
Bismarck	Rome Beauty	Wealthy
	Yellow Transparent	

DWARF PEARS

Bartlett	Fall Butter	Comice
Beurre de Anjou	L. B. de Jersey	
	Shelton	

Price, each, 50c; 10, \$4.00; 100, \$35.00



Apricots

2-year-old	Each	10	100
1-year-old, 4 to 6 feet	\$0.35	\$3.25	\$30.00

Select, 2 year old 40

THE LEWIS

The new Lewis Apricot is the largest, strongest growing, best yielding, best flavored apricot we have ever seen, and is perfectly hardy. Grown extensively in the "Goodnoe Hills" district. Nice large trees.

Price, each, 75c

Special prices in large lots.

MOORPARK

Very large, yellowish green, brownish red on the sunny side; flesh bright orange; fine for canning and drying; freestone.

ROYAL

Above medium size; sweet, rich, juicy.

TILTON

Large; rich color, high flavor; very productive; one of the best.

Cherries

2-year-old	Each	10	100
1-year-old, 4 to 6 feet	\$0.45	\$4.00	\$37.50

1-year-old, 3 to 4 feet35 3.25 28.00 Select, 2 to 3 years old60

BING

Originated in Oregon, from seed of Black Republican; fruit large, dark brown or black; very fine; late; a good shipping variety.

BLACK TARTARIAN

Largest size; flesh purple, crisp, tender and juicy.

BLACK REPUBLICAN (Lewelling)

Seedling, raised by Seta Lewelling, of Oregon; large size, black, sweet, with purplish flesh; late and a good shipper.

KENTISH (Early Richmond)

Dark red, juicy; one of the best sour cherries and unsurpassed for cooking purposes; very productive.

LATE DUKE

Large, light red; late and excellent, sub-acid.

LAMBERT

Fruit of largest size and of fine quality; color deep, rich red; flesh firm and of fine flavor; a fine market variety; ripens two weeks later than Royal Ann.

MAY DUKE

Large, rich, dark red; flesh tender, juicy and sub-acid; an excellent variety, and one of the earliest of its class.

MILLER'S LATE

This new cherry resembles the Late Duke in color, shape and flavor, but it is a larger and later variety, which makes it very valuable and desirable.

Price, each, 60c

NEW GIANT

Claimed by the originator to be equal in every way to the famous Lambert, but to possess the good points of being a larger and later cherry. A strong, vigorous grower; heavy cropper.

Each, \$1.00; large trees, \$1.50

*Cherries—Continued***OREGON**

Large, black, solid, free, vigorous and productive; a fine shipper.

ROCHALINE (New)

A new German cherry, larger and redder than the Royal Ann; better shipper and more prolific bearer.

Each, 60c

ROYAL ANN

(Napoleon Bigarreau.) A magnificent cherry of the largest size; pale yellow, becoming amber in the shade; richly dotted and spotted with deep red, and with a bright red cheek; flesh very firm, juicy and sweet; tree a rapid grower and immense bearer.

Peaches

2-year-old	Each	10	100
1-year-old, 4 to 6 feet	\$0.40	\$3.50	\$27.00
Select, 2 years old .....	.35	3.00	25.00

Select, 2 years old

EARLY ALEXANDER

One of the largest and best of the extra early varieties. Almost freestone.

EARLY CHARLOTTE

Hardy, medium early, excellent flavor; originated in Oregon. Freestone.

HALE'S EARLY

Early, free; extra quality; hardy; prolific.

EARLY CRAWFORD

Very large, yellow, with red cheek; flesh sweet and excellent; our most popular peach for table and canning; freestone.

ELBERTA

Very large, bright yellow, red cheek; flesh yellow; juicy, sweet; regular bearer; fruit very showy and perfect; freestone.

Pears

2-year-old	Each	10	100
1-year-old, 4 to 6 feet	\$0.50	\$4.50	\$40.00

SUMMER VARIETIES**BARTLETT**

Large; skin thin, clear, lemon yellow, with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence.

CLAPP'S FAVORITE

Large, pale lemon yellow, marbled with crimson; flesh fine grained and melting, with rich vinous flavor.

AUTUMN VARIETIES**BEURRE BOSC**

Large, beautiful, russety; highly flavored; fine for shipping.

FALL BUTTER

A favorite fall pear; yellow, sweet and juicy.

COMICE

A splendid commercial variety, being of fine size; good appearance; ships well.

WINTER VARIETIES**ROOSEVELT (New)**

Size very large, shape roundish. Flesh fine texture, juicy, melting. Ground color yellow, clouded with salmon rose. Season October.

Price, each, 75c

WINTER NELIS

Medium; skin yellowish green, dotted with gray russet; flesh yellowish white; fine grained, of a rich saccharine, aromatic flavor.

VICAR OF WAKEFIELD

Large, long, green in color; sweet, good keeper; heavy yielding; hardy winter sort.

FOSTER

Large yellow, dark red on the sunny side; very rich, juicy and early; freestone.

LATE CRAWFORD

Very large, roundish; yellow, with dark red cheeks; flesh deep yellow; juicy and melting; flavor rich and excellent; very popular; valuable for canning and drying; freestone.

MUIR

Large, pale yellow; very firm and sweet; best for drying; freestone.

SALWAY

Creamy yellow, red cheek; flesh deep yellow, red at the pit; rich and sweet; a standard late peach, growing more and more in favor with orchardists; freestone.

MADELINE

Medium, pale yellow; flesh melting and juicy; the first early pear.

SECKEL

Rich and highly flavored; its highly concentrated, spicy, honey flavor is unequalled; skin brownish green, russet brown cheek; flesh whiteish, buttery and melting.

VARIETIES**LOUISE BONNE DE JERSEY**

Large, grenish yellow, brownish red in the sun, marked with gray dots; flesh juicy, melting; very prolific.

BEURRE CLAIRGEAU

Large, yellow, shaded with orange and crimson; covered with russet dots; flesh yellowish, buttery, juicy.

BEURRE D'ANJOU

Large, handsome, fine flavor; tree vigorous; heavy bearer; keeps till Christmas.

VARIETIES**WINTER BARTLETT**

This fine pear originated in Eugene, Oregon. Fruit large, closely resembling the famous Bartlett in shape and appearance, but ripening considerably later; flavor almost identical with the Bartlett; is undoubtedly one of the few pears of recent introduction of real merit.

BUERRE EASTER

Large, oval, yellow, with red cheek; excellent winter pear; February.

Prunes

	Each	10	100
2-year-old	\$0.30	\$2.50	\$22.00
1-year-old, 4 to 6 feet .....	.25	2.00	18.00
Select, 2 to 3 years old .....	.35		

GIANT

Largest prune known; fruit averaging 1½ to 2 ounces each; retaining the good qualities of the smaller varieties.

HUNGARIAN

Very large; dark red, juicy and sweet.

SUGAR (New)

Three vigorous grower; early bearer; fruit ripens 28 days before the French; is four times as large and dries in half the time; flesh tender and rich in sugar; color dark purple.

Plums

	Each	10	100
2-year-old	\$0.30	\$2.50	\$20.00
1-year-old, 4 to 6 feet .....	.25	2.00	18.00

ABUNDANCE

Fruit large and beautiful; bright cherry; flesh light yellow; juicy, tender, sweet; productive; very early.

BRADSHAW

Reddish purple, juicy and pleasant; adheres partially to the stone.

COLUMBIA

Largest size, nearly globular; brownish purple; rich, sugary, freestone.

DAMSON

Small, oval; skin purple; flesh melting, rather tart.

GREEN GAGE

Small round; flesh pale green, melting and juicy; freestone.

Quince

	Each	10	100
2-year-old	\$0.40	\$3.50	
1-year-old .....	.35	3.00	

SELECT, 2 years old

.50

PINEAPPLE

Flavor is suggestive of the pineapple; the fruit resembles the Orange quince; making superior jelly; can be eaten raw and has a most exquisite and delicious flavor, not equalled by any other quince.

CHAMPION

Large, yellow; flesh cooks very tender; flavor is most delicious; more productive than the Orange.

ORANGE

Well known standard variety; early.

Currants

	Each	10	100
2-year-old	\$0.15	\$1.25	\$10.00
1-year-old .....	.10	.75	6.00
Extra large selected bushes..	.25		

BLACK NAPLES

Very large, black; valuable for jams and jellies.

CHERRY

Very large; deep red; fine for preserving; valuable market variety.

FAY'S PROLIFIC

A new Currant which has well sustained the claims of its disseminator, it is larger than the Cherry, has less acid and is much more prolific.

PERFECTION

New; largest and most prolific Currant; bright red, rich flavor, mild sub-acid; no currant can approach in yield or quality this wonderful new currant.

Strong plants, each, 25c; 10, \$2.25; 100, \$15.00

New Varieties

POMONA

A splendid new red variety; good keeper; has the record for acreage yield. About the size of Perfection and comes a little later.
Strong plants, each, 25c; 10, \$2.25; 100, \$15.00

PETITE (FRENCH)

Small size, egg shaped; violet purple; sweet, rich and sugary; very productive; standard variety for drying.

SILVER

Seedling of the Coe's Golden Drop; tree vigorous and productive; fruit large and superior; excellent for drying.

ITALIAN (FELLEMBERG)

Medium, oval, tapering at both ends; dark purple; flesh greenish yellow; separates freely from the stone; best for drying.

MAYNARD

Dull red, large, round and firm; rich and sweet; sturdy, quick-growing, heavy-yielding variety; extra fine; ripens in July. Each, \$1.00

PEACH

Very large; skin brownish red, slightly coarse grained, but juicy; freestone; very popular.

WASHINGTON

A large plum; skin dull yellow, with a pale crimson blush; flesh firm; very sweet and luscious; freestone.

YELLOW EGG

Very large; skin of a deep golden color, but rather acid; excellent for cooking; very showy.

Gooseberries

	Each	10	100
2-year-old	\$0.12	\$1.00	\$8.00
1-year-old .....	.10	.80	6.00

Large selected bushes .25

OREGON CHAMPION

Berries very large, pale green color; very sweet and fine for table use and pies; bush strong, not very thorny; very prolific bearer; most popular sort we have.

HOUGHTON

Vigorous grower, abundant bearer; fruit of medium size, pale red, sweet and juicy.

Each, 25c; 10, \$2.00; 100, \$15.00

RED JACKET (JOSSELYN)

Of large size; smooth, prolific and hardy; of best quality; a wonderful cropper, with bright, clean, healthy foliage.

Each, 25c; 10, \$2.00; 100, \$15.00

INDUSTRY

Large oval; dark red, rich and agreeable; vigorous and productive.

Each, 30c; 10, \$2.50; 100, \$18.00

Grapes

	Each	.10	100
2-year-old	\$0.15	\$1.25	\$10.00
1-year-old .....	.12	1.00	8.00

Extra large and strong roots.. .25

If wanted in large numbers, write for prices.

CONCORD

Large, black grape; bunches compact; berries round, sweet and pleasant; very popular.

DELAWARE

One of the finest of our native grapes; grows freely and is perfectly hardy; ripens early; berries small, light red.

EATON

Vigorous grower; very productive; bunches large, compact; fruit large, round, black, covered with a thick blue bloom.

MCKINLEY (New)

A new early white grape of great merit; a strong, vigorous grower; thick, healthy foliage, and perfect self-fertilizing blossoms; bunches large and compact; fruit large, nearly round; very sweet, with no acid around the seeds, and no puckery taste in the skin; skin thin, green at first, then turning to yellow; bears handling and shipping well.

Prices, 1 year, each, 25c; 10, \$2.25

Price, 2 years, each, 35c; 10, \$3.25

NIAGARA

Bunch medium; berry large, roundish, uniform; skin thin but tough; pale yellow; flesh tender and sweet; vine vigorous and productive; one of the best white grapes.

CAMPBELL'S EARLY

Berries large, nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous; a strong and vigorous grower.

Price: 1 year, each, 25c; 10, \$2.25.

Price: 2 years, each, 35c; 10, \$3.25.

McPIKE (New)

Bunches are large and compact; grapes of uniform extra large size of a blue black, covered with bloom. Ripens evenly and is of perfect quality; hardy everywhere; a most valuable variety. Price, 1 year, 25c; 10, \$2.25

Price, 2 years, 35c; 10, \$3.25

MOORE'S DIAMOND

Bunches large; berry greenish white, flesh juicy and almost without pulp.

MOORE'S EARLY

Bunch medium; berry large, resembling Concord, but more pulp and is earlier.

POCKLINGTON

Vine very vigorous, hardy and productive; bunch and berry of good size; color a light lemon yellow; flesh moderately tender, sweet.

WORDEN

Bunch very large and compact; berry large, black; an improved Concord.

Raspberries

	Each	10	100
Two-year-old	\$0.08	\$0.75	\$6.00
One-year-old (Jan. 1) .....	.06	.50	4.00

Low prices by the thousand.

RED CAPS

CUTHBERT

Berries very large, deep rich crimson; good for shipping; the most popular of all raspberries; stands the sun and heat well.

MARLBORO

Very large and early; beautiful, bright scarlet; good quality; hardy and productive.

RED ANTWERP

Earlier and about the size of the Cuthbert; rich flavor; bright red, and a good market or home berry for this climate.

BLACK CAPS

GREGG

Of good size, fine quality; very productive and hardy. It takes the same position among black caps as Cuthbert among the red sorts.

KANSAS

Strong, vigorous grower, standing extremes of drought and cold, and bearing immense crops. Early, ripening just after Palmer. Berries size of Gregg; of better color; jet black and almost free from bloom; firm, of best quality; presents a handsome appearance and brings highest price in market.

WE CAN SUPPLY ANY VARIETY OF EUROPEAN GRAPE GROWN ON THE COAST
WRITE US FOR PRICES

*Raspberries—Continued***THE IMPROVED SUPERLATIVE**
A New Berry of Great Merit

The color is a soft red crimson. The berry large and firm, with very small, brittle seeds. The healthy, vigorous growth, remarkable productiveness, hardiness, immense size, handsome, uniform shape and rich, luscious flavor make the "Superlative," from the shippers' standpoint, a most desirable berry. It is firm, disease resisting, and earlier than Cuthbert.

Each, 20c; 10, \$1.65, postpaid

Freight or express, 10, \$1.50; 100, \$12.50

CONEARTH

The Best Early Blackcap

A black raspberry of superior quality, being ten days earlier than Gregg, coming in with the earliest reds. One-sixth of an acre of Conraths produced 38 24-pound crates, netting the grower \$76. We especially recommend the Conrath as the best "blackcap," for Oregon. Try it.

Choice, well-rooted plants, each, 15c; 10, \$1.25, postpaid

Freight or express, 10, \$1.00; 100, \$8.00

GOLDEN QUEEN (Yellow)

Large, amber; extra fine; prolific.

Each, 15c; 10, \$1.00

Burbank's Phenomenal

"Larger than the largest berry ever before known." Bright crimson raspberry color, productive as could be desired, and most delicious of all berries for pies, canning jellies or jams. Sweeter than the Loganberry. Easily grown, stands shipping well, and hardy everywhere.

Compared with the Logan the color and general form are much the same the first season, particularly if the growing conditions have not been favorable, but when once established they have no equal in size, quality or productiveness.

Prices: Two-year-old, 25c each; \$2.25 per 10, postpaid; by express or freight, \$2.00 per 10; \$15.00 per 100. One-year-old (tips), each, 15c; \$1.25 per 10, postpaid; by express or freight, \$1.00 per 10; \$7.50 per 100.

Logan Berry

The fruit is generally larger than the blackberry, often an inch and a quarter long; color dark red and produced in immense clusters. It partakes of the flavor of both the blackberry and raspberry, a mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Fruit ripens early, the bulk being gone before the blackberries or raspberries become plentiful. It is excellent for the table, eaten raw or stewed, and is excellent for jelly or jam.

Prices: Two-year-old, 20c each; \$1.50 per 10; postpaid; by express or freight, \$1.25 per 10; \$10.00 per 100.

One-year-old (tips), 15c each; \$1.25 per 10; postpaid; by express or freight, \$1.00 per 10;

Blackberries**KITTATINNY**

Large, roundish, conical, glossy black, juicy, sweet, excellent when fully ripe.

LAWTON

Fruit large; very productive; well and favorably known; Oregon's most popular kind.

Price of above, each, 8c; 10, 60c; 100, \$5.00
Postpaid, each, 15c; 10, \$1.25

ELDORADO

A valuable new variety; fruit large, jet black, melting, sweet and rich; hardy and very productive; fine for Oregon. (See cut top of page.) Each, 10c; 10, 90c; 100, \$8.00

Postpaid, each, 15c; 10, \$1.25

EVERGREEN

An Oregon introduction; beautiful lacinated foliage, which it retains all winter; berries long, black, sweet, rich and delicious; ripens from July to November; a fine berry for family use. 10 for \$1.25; 100 for \$10.00

Postpaid, each, 20c; 10, \$1.50

HIMALAYA GIANT

An exceedingly strong, rampant grower of a trailing nature; everbearing; an enormous yielder. The berries are large, juicy, coreless, sweet and firm, with a delicious aromatic flavor. Its deep rooting qualities enable it to produce a large, firm berry even in a very dry season.

Postpaid, each, 20c; doz., \$2.00

Freight or Express, each, 15c; doz., \$1.50

NEW MAMMOTH

This wonderful new blackberry is a rampant grower, of trailing habit; the foliage is large, thick, of a deep green color. It is enormously productive and exceedingly early, ripening three weeks before other cultivated kinds. Fruit is enormous, specimens measuring 2½ inches long; seeds small, soft and abundant; cores small and soft. In size and flavor it surpasses all other varieties of blackberries.

Two-year-old, each, 25c; 10, postpaid, \$2.00
Ten, by express or freight, \$1.75; 100, \$15.00

One year old (tips), ea., 15c; 10, postpaid, \$1.25

By express or freight, 10, \$1.00; 100, \$8.00

Dewberry---Lucretia

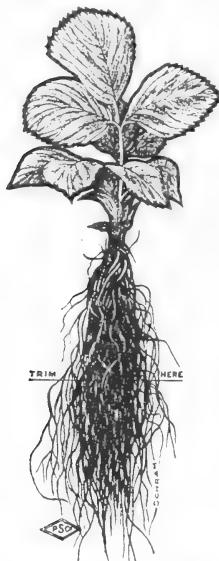
A trailing variety of the blackberry, ripening between the raspberry and the blackberry. Fruit large, handsome, sweet and luscious.

Price: Each, 15c; per 10, \$1.25, postpaid. By express or freight, \$1.00 per 10; \$7.50 per 100

SPECIAL LOW PRICES ON LARGE ORDERS FOR BERRY PLANTS.

"DIAMOND QUALITY"

STRAWBERRY PLANTS



In setting, trim roots as indicated by line in illustration.

have at least two years cultivation before using for strawberries. Remove the mulch directly after fruiting. This helps to control many evils. For helpful details of care and culture, see our **Strawberry Booklet**, 32 pages, sent free on request.

The strawberries here offered have all stood the market test and you will be safe in selecting any one of them that will suit your conditions and requirements. They are the best varieties obtainable.

Gold Dollar

EXTRA EARLY

No early strawberry has even been grown that equals our special strain of "Gold Dollars."

Gold Dollar berries are large size, dark red all through and have a fine flavor. Foliage heavy, large and spreading, which protects the blooms from early frosts. Has a perfect bloom, and strong stems that hold the berries up from the ground, which helps to keep color and flavor during the early rainy season. A very heavy cropper. Keeps up in size throughout the season. "Gold Dollar" berries are sold under their own name, having in the short time since introduction created a demand and won a recognition never before accorded a strawberry. They command the highest early prices.

New Oregon

Our "New Oregon," after seven years of active competition, still leads all other main crop berries, and as a general purpose or fancy market berry has no competitor.

The color is a rich dark red, extending to the center; berries very large, averaging 15 to the quart; firm, and of fine even form; flavor is rich, sweet and delicious; as a table or canning variety is unexcelled. The New Oregon is very early and continues in bearing until frost. Plants of the true strain cost a little more than other sorts, as they set fewer runners.

POPULAR AND BEST WESTERN SORTS

Marshall

One of the best all-round strawberries; very large; dark crimson throughout; fine flavor; a fine market and table berry.

STRAWBERRY PLANTS are a great specialty with us, and our select strains of New Oregon, Gold Dollar, New Acme, Magoon, Clark's Seedling and other Western varieties, many of which were introduced by ourselves, still hold their position as the leading commercial varieties of the Northwest, and are being planted more extensively each season. Thus demonstrating by actual market and growing tests the great superiority of our Western varieties, against the keenest competition from all sections.

Make No Mistake—Western Varieties ARE Best for WESTERN GROWERS

Better Strawberries nor larger crops are not produced anywhere than right here in the Northwest.

"Diamond Quality" Strawberry Plants are large, vigorous and healthy. They are heavily rooted and have large, full crowns; have been carefully grown, and are free from disease and pests. We dig as ordered and pack for shipment in ventilated crates of 500 plants each, crowns up. They are grown from our select strains and are always true to name; no substitution is ever allowed without the full knowledge of the purchaser.

CARE FOR AND FEED YOUR PLANTS.

Neglect is the prime factor in strawberry failures, and most strawberry beds suffer from lack of attention and starvation. Proper fertilization and intelligent culture insures enormous crops of finest fruit and freedom from diseases and pests. White grubs, cutworms, crown miners, etc., can all be controlled by preventive measures. Never set strawberries on or near clover sod or hay fields; such ground should

have at least two years cultivation before using for strawberries. Remove the mulch directly after fruiting. This helps to control many evils. For helpful details of care and culture, see our **Strawberry Booklet**, 32 pages, sent free on request.

The strawberries here offered have all stood the market test and you will be safe in selecting any one of them that will suit your conditions and requirements. They are the best varieties obtainable.

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New Acme

For growers who have a distant market, or who require a firmer berry than any before known "New Acme" is specially recommended.

The Acme is a seedling of large size and same general form as the well known "Clark," but of much richer, more brilliant color. The seeds, being very prominent and of a rich, golden yellow, give the berry a strikingly handsome, distinctive appearance. It ripens early and is a heavy cropper, berries remarkably uniform in size and shape; are also very firm, of finest quality, stand handling better and keep longer than any other strawberry. We make this statement only after a thorough test in the open market, extending over four seasons.

Clark's Seedling

The berry that has made Hood River famous; best shipper; berries large, firm and of delicious flavor; vines bear large crops; is especially adapted to dry soil.

Strawberry Plants—Continued

Admiral Dewey

Color, beautiful dark red, extending to the center; no white core; shape conical, much like Clark's Seedling; of excellent flavor; a very early, abundant and continuous bearer; might be classed as an ever-bearing.

Wilson

An old standard variety; a heavy bearer of fine, moderate sized berries; sharp acid flavor and the leading sort for canning.

PRICE LIST OF PLANTS.

Acme	
Admiral Dewey	
Clark's Seedling	
Gandy	
Gold Dollar	
Magoon	
Marshall	
New Oregon—Improved	
Wilson	

Not less than 500 plants of a kind at 1000 rate. Special prices on 3000 or more.

Magoon

Originated near Portland; berry large, fine and excellent; sub-acid flavor; bears heavily throughout the season; especially adapted to Western Oregon and Washington.

Gandy

A profitable market sort; its season is late to very late, being in its prime when most other sorts are gone. The fruit is large, handsome and uniform, and makes an excellent showing on the market.

	By mail, postpaid.	By express or freight packed in ventilated crates.	1000
Dozen	100	100	\$10.00
\$0.50	\$2.25	\$1.50	\$10.00
.30	1.25	.60	4.50
.25	1.00	.60	4.50
.30	1.25	.75	5.00
.40	1.50	1.00	6.00
.25	1.00	.60	4.50
.30	1.25	.75	5.00
.40	1.50	1.00	7.00
.25	1.00	.60	4.50

FREE ON REQUEST, OUR 32-PAGE BOOK ON STRAWBERRY CULTURE Complete and up-to-date. Things you should know about Strawberries. **FREE**

REPORTS FROM CUSTOMERS

Weiser, Idaho, Feb. 2, 1910.

Portland Seed Co.

Gentlemen: Last spring I bought 10,000 New Oregon plants from you. They are a rampant grower. I want to plant quite an area of fruit this spring and will probably order from you, as you have always treated me right. Respectfully,

Stevenson, Wash., Dec. 27, 1909.

Portland Seed Co.

Gentlemen: One year ago last spring I purchased five hundred New Oregon Strawberry plants of you. Last summer I sold a little over fifty dollars worth of berries from the plants. Many pound boxes only required 18 berries to the box, some 15, never taking over nine berries for finish per box. Out of 12 crates I did not get quite a pound box of culs. They seem to

be good keepers. I had a few boxes that I overlooked and were in good shape after standing three days.

Cuddeback, Cal., May 31, 1910.

Portland Seed Co.

Gentlemen: A few years ago I purchased 500 New Oregon Strawberry plants from you which were such a success that they stirred up the whole neighborhood, and I have been overrun for plants, but as they have very few runners I could not sell any and, in consequence, you may expect a good many orders from this section, as everybody who saw them bear wants some. But say, your Gold Dollars! They could not have a more appropriate name. They surely are IT.

Please reserve about 2000 New Oregon plants and notify me about your earliest and latest dates you can ship them. Yours truly.

Pruning Tools, Labels, Stakes, Etc.**PRUNING SHEARS**

We have a fine assortment, ranging in prices from 50c to \$1.25 each, postpaid.

LONG-HANDLE TREE PRUNERS

Six feet, 75c; 8 feet, \$1.00; 10 feet, \$1.10; 12 feet, \$1.25. Cannot go by mail. Purchaser will have to pay freight or express charges.

BRANCH SHEARS

Twenty-six-inch handle, \$1; 41-inch handle, \$1.25.

PRUNING SAWS

Crescent—12-inch blade, 65c; 14-inch, 75c.

Straight Blades—16-inch, 60c; 18-inch, 65c; 20-inch, 70c.

GRAFTING WAX

Price, $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; postage, 20c per lb. extra.

RAFFIA

For tying plants and buds. Pound, 25c; by mail, 50c.

FLORISTS' MOSS

Clean and bright, in bales; \$3.00 per 100.

BUDDING KNIVES

Best grade, from 25c to \$1.00 each, postpaid.

GRAFTING KNIVES

Wood handle, stationary blade, 25c to 35c each.

PRUNING KNIVES

Best grade, from 50c to \$1.50 each, postpaid.

WOODEN LABELS

Tree Labels—Painted, wired, per 100, 15c; per M, \$1.00; unpainted, per M, 85c; painted, copper wired, per 100, 20c; per M, \$1.10.

Pot Labels—4-inch, painted, per 100, 15c; per M, 80c; 5-inch, per 100, 20c; per M, \$1.05; 6-inch, per 100, 25c; per M, \$1.40; 8-inch, per 100, 30c; per M, \$1.75.

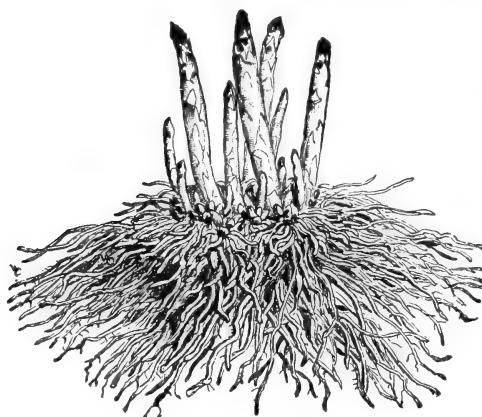
PLANT STAKES

Round Cedar—Painted green, white tops, 3-foot, 75c dozen; 3½-foot, 80c; 4-foot, 85c; 5-foot, \$1.35; 6-foot, \$2.00.

Bamboo—4-foot, doz., 20c; 5-foot, 25c; 6-ft., 30c.

FLORISTS AND COMMERCIAL GROWERS: We carry the largest line of Florists' Supplies in the Northwest. Prompt deliveries at right prices. A trial order will convince. Send for trade list.

Vegetable Roots and Plants



ASPARAGUS ROOT

Asparagus

One of the earliest and finest of spring vegetables; very easily grown. A bed once planted is good for years if properly attended to and well manured.

CULTIVATION—See that the ground is well drained, work it up fine and deep and make it very rich with fertilizer or barnyard manure. Place the plants eight inches apart in rows three feet apart. Spread out the roots in a trench made deep enough to permit their crowns to be covered with three or four inches of mellow earth. Give the bed liberal dressings of fertilizer at intervals, and, except near the sets, three pounds of salt per square yard early every spring. Do not cut for use until the plants have grown two seasons.

We can supply Connover's Colossal, Palmetto and Columbian Mammoth White.

ONE-YEAR-OLD PLANTS—Postpaid, 25c dozen; 75c per 50; \$1.00 per 100. By express or freight, 20c dozen; 50c per 50; 75c per 100; \$6.00 per 1000.

TWO-YEAR-OLD PLANTS—Postpaid, 40c dozen; \$1.00 per 50; \$1.50 per 100. By express or freight, 25c dozen; 75c per 50; \$1.00 per 100; \$8.00 per 1000.

Hop Vines

Grown very extensively for the hops; also planted largely for shade and covering fences, buildings, etc.; rapid growers.

English Cluster—The best sort.

Strong roots, postpaid, 5c each; 40c per dozen. By express, 25c per dozen; \$1.50 per 100. Write for prices if wanted by the 1000.

VEGETABLE PLANTS

We grow large quantities of vegetable plants, and can supply all the kinds listed below, in their proper season, in most any quantity. We have made arrangements this year so that we can supply all vegetable plants in two grades. If you want a quantity of plants write us early.

Transplanted plants are much stronger and better rooted, and are well worth the price, especially in the early part of the season. We can supply most any of the leading sorts. No plants sent C. O. D. Write for prices in large quantities.

	Postpaid.	By express.	
Celery—	Dozen.	100.	1000.
Leading kinds, transplanted	\$0.25	\$0.75	\$6.00
Not transplanted . . . . .	.50	5.00	

	Postpaid.	By express.	
Tomatoes—	Dozen.	100.	1000.
Leading kinds, transplanted	\$0.30	\$1.00	\$7.00
Not transplanted . . . . .	.75	6.00	

Add 40c per 100 for Tomato Plants by mail.
Sweet Potato Plants \$0.30 \$1.00 \$7.00

Add 25c per 100 for above Plants by mail.

Chives (Schnittlauch), per bunch 25c

Rhubarb, or Pie Plant

This deserves to be ranked among the best early products of the garden. It affords the earliest material for fine pies and fresh table sauce, continues long in use and is valuable for canning.

A deep rich soil is indispensable to secure large, heavy stalks. Plant in rows four feet apart, with the plants three feet distant. Set so that the crowns are about an inch below the surface. Apply annually, in the fall, top dressing of stable manure, and fork under in the spring.

GIANT—BEST HARDY VARIETY

ONE-YEAR-OLD ROOTS—Postpaid, 8c each; 75c per dozen. By express or freight, 50c per dozen; \$3.00 per 100.

TWO-YEAR-OLD ROOTS—Postpaid, 15c each; \$1.50 per dozen. By express or freight, 85c per dozen; \$6.00 per 100.

If wanted in larger quantities, write for special prices.

NOTE—We advise our customers to order the above roots by express or freight, if possible, as it enables us to send much larger and better rooted plants, at a less cost to the buyer.

BURBANK CRIMSON WINTER

A widely advertised, forcing variety of great value, the flavor and quality being superior to any other rhubarb. Comes on very early and lasts through a long season, hardy in some sections, but gives best results when protected. Must be propagated from root divisions, as it does not come true from seed. Large clumps, each, \$1.00; doz., \$10.00. Divided roots, each, 25c; doz., \$2.50

Horse Radish

This useful condiment is easily grown and prefers a rich, moist loam. Plant in rows eighteen inches apart, putting the sets one foot apart, being careful to place the thin end down in the ground. Constant cultivation greatly improves the size and quality.

Postpaid, 5c each; 40c per dozen. By express or freight, 25c per dozen; \$1.50 per 100. Write for prices by the 1000.

LIKES OUR WAY

White Salmon, Wash., April 26, 1910.
Portland Seed Co.

The Cauliflower and Celery plants you sent me were fine and in the best of condition.

Grandview, Wash., May 16, 1910.

Portland Seed Co.,
Roses received. Thank you very much. I wish to say that I appreciate you way of doing business. I purchased "Gold Dollars" of you last year. They are fine and the best early berry I have seen. You may depend on my orders in your line in the future.

Postpaid. By express.

Cauliflower—	Dozen.	100.	1000.
Early Snowball, transplanted	\$0.30	\$1.25	\$8.00
Not transplanted		1.00	7.00

Late kinds, transplanted . . . . .	.30	1.00	7.00
Late kinds, not transplanted . . . . .	.75	6.00	

Add 25c per 100 for Cauliflower Plants by mail.

Postpaid. By express.

Cabbage—	Dozen.	100.	1000.
Early or late kinds, transplanted	\$0.20	\$0.75	\$6.00
Not transplanted . . . . .	.50	4.00	

Add 25c per 100 for Cabbage Plants by mail.

Portland Seed Co.'s "Diamond Quality" Lawn Grass

Prepared from the choicest re-cleaned Grass Seeds that have been carefully selected for their fineness and deep rooting, close growing habits and seasonable qualities, producing an ideal dense, velvety turf of lasting quality that remains green throughout the year. Growing tests have proven our "Diamond Quality" Lawn Grass to be superior to any other mixture for our Western soils and climate; it is also absolutely free from chaff and foul seeds, weighing 23 pounds to the measured bushel. This is a guarantee of clean, plump seeds, as cheap chaff seed is very light. Sow 1 pound to 400 square feet; 12 to 15 pounds to a 50-foot lot.

Price, per lb. 40c, postpaid; freight or express, per lb., 30c.

Write us for special mixtures for terraces, shady places, dry or wet land.

FLOWER POTS

We are agents for the Garden City Red Clay Pots and buy in carload lots. The wholesale trade, florists and nurserymen are requested to send for special prices, stating quantity wanted. They are by far the finest pots offered on this coast.



FLOWER, FERN, AZALEA POTS OR BULB PANS (ALL SAME PRICE).

Size.	Saucers			Size.	Saucers		
	Each.	Dozen.	Each.		Each.	Dozen.	Each.
2 inch	.02	\$0.20		8 inch	.....	\$0.16	\$1.75
3 inch	.03	.30		9 inch	.....	.25	2.50
4 inch	.04	.40	\$0.02½	10 inch	.....	.40	...
5 inch	.06	.60	.04	12 inch	.....	.60	...
6 inch	.10	.90	.05	14 inch	.....	1.50	1.00
7 inch	.12	1.20	.07½	16 inch	.....	2.25	1.25

HANGING BASKETS.

These are well made, having scalloped edge and fancy designs on the lower outside. Better than wire baskets, as plants do not dry out so quickly.

8-inch....Each, 30c; doz., \$3.40 10-inch....Each, 40c; doz., \$4.00 12-inch....Each, 60c; doz., \$7.00

NOTE—At above prices we will pack the pots carefully, but buyer must pay freight or express charges. We buy in carload lots and the wholesale trade, florists and nurserymen are requested to send for special prices, stating quantity wanted.

PAPER FLOWER POTS FOR FLORISTS

Low in price, Moisture Proof, Unbreakable, Light, Convenient.

	100.	1000.		100.	1000.
2 ½ inch	\$0.60	\$5.50	3 ½ inch	\$1.00	\$9.00
3 inch	.80	7.00	4 inch	1.25	11.00

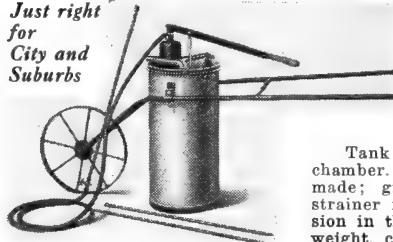
SPRAY PUMPS, SPRAY MATERIAL AND WASHES

If you are interested, write for complete Catalogue of Spray Pumps, Sprays, etc., sent free. We also carry a complete line of Garden and Spray Hose and Supplies.

Spray Calendar—When to Spray, What to use

Insect or Disease.	Plant Attacked.	What to Spray With.	First Spraying.
Codling Moth	Apple, Pear	Arsenate of Lead	Just before calyx cups close.
San Jose Scale .....	.....	Scaleicide, Standard Sulphur-Lime Solution	When leaves are off the tree.
Oyster Shell Bark Louse ..	Apple, mainly	Standard Sulphur-Lime Solution	When leaves are off the tree.
Peach Moth or Twig Borer.	Peach	Scaleicide, 1 part to 20 parts water	When the insects appear.
Woolly Aphis	Apple	Scaleicide, 1 part to 40 parts water	When the insects appear.
Aphis	Roses and plants	Aphicide, Fir Tree Oil Soap	Just as soon as the insects appear.
Cabbage Worm	Cabbage	Bug Death (non-poisonous)	Before the worms eat into the cabbage.
Cabbage Aphids	Cabbage	Scaleicide, 1 part to 40 parts water	When the insects appear.
Slug	Pear, Cherry, Peas	Slug Shot, or Bug Death	When the insects appear.
Thrips	Roses	Thrip Juice, or Aphicide	When the insects appear.
Cottony Scale	Pear, Currant	Scaleicide, 1 part to 40 parts water	When insects become cottony (May).
Scab	Apple, Pear	Bordeaux	Just before blossoms open.
Blackspot Canker	Apple	Bordeaux, double strength	Immediately after leaves fall.
Leaf Curl	Peach	Standard Sulphur-Lime Solution	Before buds burst.
Mildew	Gooseberry	Potassium Sulphide, 1 ounce to 2 gallons water	Just as buds burst.

NOTE—Directions for using these sprays will be found on the case or package.
Write for prices or refer to our complete Seed Annual.



“IDEAL” SPRAYING OUTFIT

The "IDEAL" has been designed for small growers, city and suburban homes, and for all purposes where nothing as large as a barrel or power outfit is needed.

IS LIGHT, COMPACT, EASY TO OPERATE

Tank holds 15 gallons; will not slop or spill. Pump has large air chamber. Bronze ball valves; valves are removable, cannot clog. Well made; gives a pressure of 150 pounds; has mechanical agitator and strainer for suction. Outfit complete, 10 feet $\frac{3}{8}$ -inch hose, 10-foot extension in three pieces, one T-handle shut-off, one "Ideal" nozzle; shipping weight, crated, 60 pounds. Price, \$20.00

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"DIAMOND QUALITY"

FERTILIZERS

PRICES AND GENERAL ANALYSES

We are the largest dealers and carry the most complete stock of Fertilizers in the Northwest. They are of guaranteed analysis, conforming to the standards required by the State laws of Oregon.

Ask for our Special Fertilizer Catalog, containing valuable information on the use and application of Fertilizer.

FERTILIZER	Nitrogen	Available Phosphoric Acid	Potash	Per 100 lbs.	Per 224 lb. Bag	Per Ton
No. 1, Complete	2 to 3 %	7 to 8 %	8%	\$1.90		\$36.00
No. 4, Fruit	2½ to 3 %	8 to 8½ %	10%	2.00		38.00
No. 5, Lawn	3½ to 4 %	10%	4%	2.25		
Pure Bone Meal	3½ %	20%		1.75		32.50
Animal Fertilizer (Ground Meat)	5 to 5½ %	11 to 12 %		1.75		32.00
Super Phosphate		17 to 18 %		1.60		29.00
Muriate of Potash			49 to 50 %	3.25	\$6.50	54.00
Sulphate of Potash			50 to 50½ %	3.50	7.25	60.00
Kanit			12 to 14 %	1.50	2.50	20.00
Nitrate of Soda	15 to 15½ %			3.25		55.00
Blood Meal	10 to 10½ %	3 to 4 %		3.25		

We are general agents for the German Kali Works, and can supply their Potash in any quantity. Write for prices on car lots.

BEST FERTILIZERS FOR SPECIAL PURPOSES.

	POUNDS PER ACRE	FERTILIZER TO USE	WHEN TO APPLY.
Apples	400 to 600	No. 4	Fall or early spring.
Asparagus	300 to 600	No. 1 with Nitrate of Soda	Spring.
	100 to 200	No. 4	Fall or Winter preferred, or early spring.
Berry bushes	400 to 800	No. 4	Fall or Winter preferred, or early spring.
Fruit trees and bushes	400 to 800	No. 4	Fall or Winter preferred, or early spring.
Flower beds	See Plants, etc.	No. 4	Fall or early spring.
Grapes	400 to 800	No. 5	Apply fall or spring, broadcast.
Grass for lawns	400 to 800	"Diamond" Plant Food	Directions on each package.
House plants		No. 1	Early spring.
Nursery stock	325 to 650	No. 5	Worked in the top soil when cultivating or making beds.
Plants, flowering, out door	A teaspoonful to a plant or broadcast.	No. 5	Fall, winter or spring.
Roses, etc.	½ to 1 lb. per plant	No. 5	
Shrubs, trees, etc.	½ to 3 lbs. per plant	No. 5	

DISTANCES RECOMMENDED FOR PLANTING.

Apples (Standard)	25 to 40 ft. each way	Currants	5 ft. x 3 ft.
Pears (Standard)	20 to 35 ft. each way	Gooseberries	5 ft. x 3 ft.
Quince	15 ft. each way	Strawberries (hills)	36 in. x 18 in.
Peaches	18 to 24 ft each way	Strawberries (matted rows)	48 in. x 12 in.
Plums	15 to 20 ft. each way	Grapes	8 x 8 to 10 x 12 ft.
Cherries	25 to 40 ft. each way	Asparagus	4 x 1 ft.
Blackberries	6 ft. x 4 ft.	Rhubarb	4 x 2 ft.
Raspberries	6 ft. x 3 ft.		

NUMBER OF PLANTS PER ACRE AT VARIOUS DISTANCES.

In planting trees the greater distance should be given in the richer soils.

DISTANCE APART.	Square Method.	Triangular.	DISTANCE APART.	Square Method.	Triangular.
1 foot apart each way	43,560	50,300	15 feet apart each way	193	223
2 feet apart each way	10,890	12,575	16 feet apart each way	170	196
4 feet apart each way	2,722	3,143	20 feet apart each way	108	125
6 feet apart each way	1,210	1,397	25 feet apart each way	70	81
9 feet apart each way	537	620	30 feet apart each way	48	55
10 feet apart each way	435	502	40 feet apart each way	27	31

RULE SQUARE METHOD—Multiply the distance in feet between the rows by the distance the plants are apart in the rows; this gives the number of square feet for each plant or hill; divided into the number of feet in an acre (43,560) gives the number of plants or trees to an acre.

RULE TRIANGULAR METHOD—Divide the number required to the acre "square method" by the decimal .866. The result will be number of plants required to the acre by triangular planting.



From _____

P. O. _____

PORLAND SEED CO.



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OREGON.

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Plants
Roses

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Pumps

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FERTILIZERS



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We have a complete library of the latest works of recognized authorities. For list see General Catalog.

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WRITE YOUR ADDRESS PLAINLY IN THE BLANKS BELOW; also keep your order separate from other matters you may wish to write about. This enables us to FILL ORDERS RAPIDLY and correctly, and answers to your inquiries will not be delayed or overlooked.

Please read "How To Order" (Page 1) Before ordering, and save all misunderstanding.

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NOTE.—State what premium you want, otherwise none will be sent.—NOTE.

Books On Gardening - POULTRY, ORCHARDS, GREENHOUSES and FARM MANAGEMENT

CATALOG

If you will fill in the spaces below with the names and addresses of ten of your neighbors who buy **Seeds, Plants, Bee or Poultry Supplies, Fertilizers, Sprays or Spray Pumps**, you may, with your first order of 25 cents or over, select free of charge any two 5 cent papers of seeds that we list. We rely upon your honesty to send us good reliable names. Please put X in the left hand column under the name of the catalog you think will interest them most.

NOTE.—State what premium you want, otherwise none will be sent.—NOTE

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Guaranteed
TRUE
TO
NAME.

